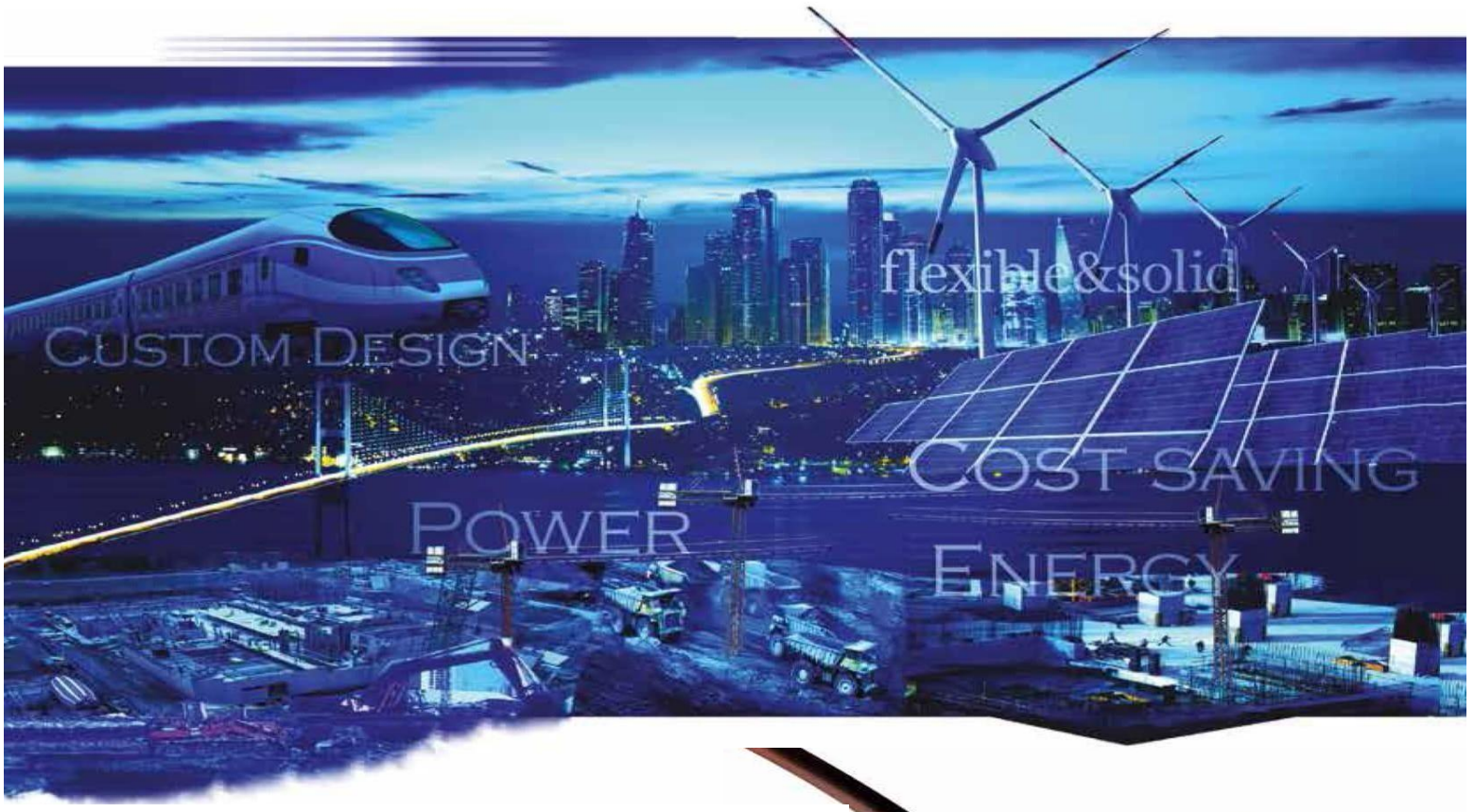
Aluminium
Medium Voltage
Power Cables



MASAYA®

Masayaholding.com

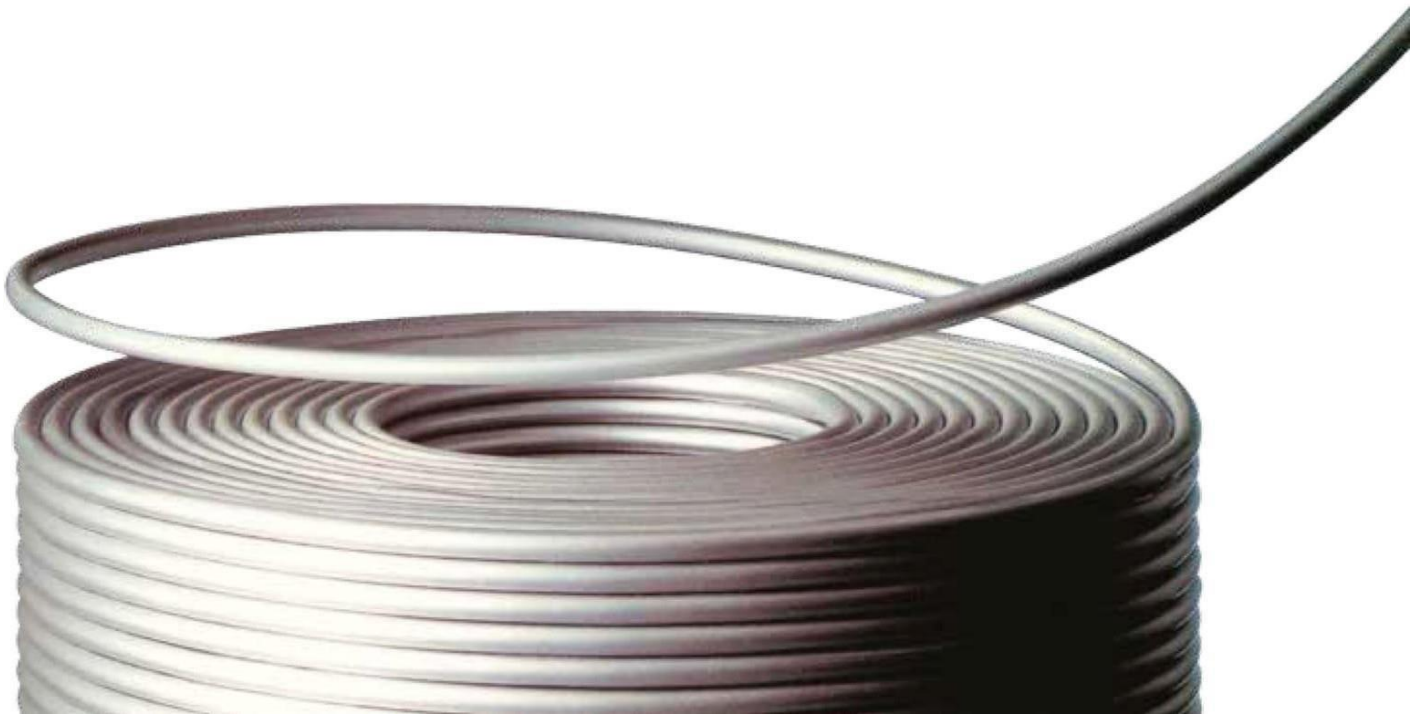
MASAYA®

CABLES

Advantages of Aluminium Cables

- Lightweight
- Cost Saving
- Steady Quotation
- Efficient recycling
- Easy to install
- Easy maintenance
- Higher Flexibility
- No more problem in connection
- High corrosion resistance
- Youngest and most common metal in the earth surface

While You Are Reviewing This Catalog, We Probably Could Have Made Another Type of Aluminium Cables



MASAYA®

ALUMINIUM MEDIUM VOLTAGE POWER CABLES

3,6/6 kV

12/20 kV

20/35 kV

MASAYA®

3,6/6 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES

YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	●●●		●●●	●●●	●●●	●●●
1x25/16 rm	19,0	500	1000	120	1,200	0,77	0,43	0,25	112	108	153	127
1x35/16 rm	21,0	550	1000	130	0,868	0,75	0,41	0,28	160	135	185	154
1x50/16 rm	23,0	600	1000	140	0,641	0,72	0,39	0,31	195	175	215	184
1x70/16 rm	25,0	700	1000	140	0,443	0,68	0,37	0,36	235	210	270	230
1x95/16 rm	27,0	800	1000	160	0,320	0,65	0,36	0,40	280	255	325	280
1x120/16 rm	28,0	900	1000	160	0,253	0,63	0,34	0,44	320	290	375	324
1x150/25 rm	30,0	1100	1000	160	0,206	0,62	0,33	0,48	352	320	425	368
1x185/25 rm	32,0	1250	1000	180	0,1640	0,60	0,32	0,52	400	365	485	424
1x240/25 rm	34,0	1450	1000	180	0,1250	0,57	0,30	0,57	460	425	570	502
1x300/25 rm	37,0	1700	1000	200	0,1000	0,56	0,29	0,60	515	475	645	565
1x400/35 rm	41,0	2200	1000	220	0,0788	0,55	0,28	0,63	570	540	735	660
1x500/35 rm	44,0	2600	1000	220	0,0605	0,53	0,27	0,67	630	610	830	745
1x630/35 rm	48,0	3050	1000	230	0,0469	0,51	0,26	0,70	720	690	945	850

MASAYA®

6/10 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES

YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	●●●		●●●	●●●	●●●	●●●
1x25/16 rm	22,0	550	1000	140	1,200	0,78	0,45	0,20	112	108	153	127
1x35/16 rm	23,0	600	1000	140	0,868	0,75	0,43	0,22	160	135	185	154
1x50/16 rm	24,0	650	1000	140	0,641	0,73	0,41	0,24	195	175	215	184
1x70/16 rm	26,0	750	1000	160	0,443	0,69	0,38	0,27	235	210	270	230
1x95/16 rm	27,0	870	1000	160	0,320	0,66	0,36	0,30	280	255	325	280
1x120/16 rm	29,0	970	1000	160	0,253	0,64	0,35	0,33	320	290	375	324
1x150/25 rm	31,0	1200	1000	160	0,206	0,62	0,34	0,36	352	320	425	368
1x185/25 rm	33,0	1300	1000	160	0,1640	0,61	0,33	0,39	400	365	485	424
1x240/25 rm	36,0	1550	1000	180	0,1250	0,58	0,32	0,44	460	425	570	502
1x300/25 rm	38,0	1800	1000	200	0,1000	0,56	0,31	0,48	515	475	645	565
1x400/35 rm	41,0	2250	1000	220	0,0788	0,55	0,30	0,53	570	540	735	660
1x500/35 rm	45,0	2600	1000	230	0,0605	0,53	0,29	0,59	630	610	830	745
1x630/35 rm	48,0	3050	1000	240	0,0469	0,51	0,28	0,68	720	690	945	850

MASAYA®

8,7/15 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES

YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

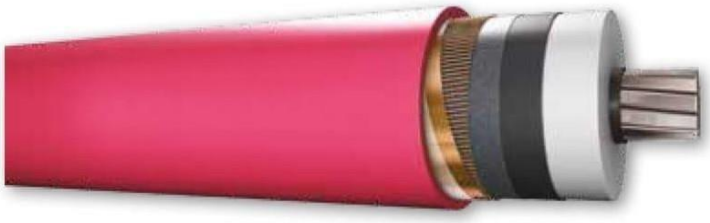
Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	●● ●		●●●	●● ●	●●●	●● ●
1x25/16 rm	25,0	600	1000	140	1,200	0,79	0,47	0,16	112	108	153	127
1x35/16 rm	26,0	650	1000	140	0,868	0,75	0,44	0,18	160	135	185	154
1x50/16 rm	27,0	750	1000	160	0,641	0,73	0,43	0,19	195	175	215	184
1x70/16 rm	29,0	850	1000	160	0,443	0,70	0,40	0,22	235	210	270	230
1x95/16 rm	31,0	950	1000	160	0,320	0,67	0,38	0,24	280	255	325	280
1x120/16 rm	32,0	1100	1000	160	0,253	0,65	0,37	0,27	320	290	375	324
1x150/25 rm	33,0	1300	1000	160	0,206	0,63	0,35	0,29	352	320	425	368
1x185/25 rm	35,0	1450	1000	180	0,1640	0,61	0,34	0,31	400	365	485	424
1x240/25 rm	38,0	1700	1000	200	0,1250	0,59	0,33	0,34	460	425	570	502
1x300/25 rm	40,0	1900	1000	220	0,1000	0,57	0,32	0,38	515	475	645	565
1x400/35 rm	44,0	2400	1000	220	0,0788	0,55	0,31	0,41	570	540	735	660
1x500/35 rm	47,0	2800	1000	230	0,0605	0,53	0,30	0,46	630	610	830	745
1x630/35 rm	52,0	3250	1000	240	0,0469	0,51	0,29	0,53	720	690	945	850

MASAYA®

12/20 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES



YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x35/16 rm	27,0	750	1000	160	0,868	0,75	0,44	0,16	160	135	185	154
1x50/16 rm	28,0	800	1000	180	0,641	0,73	0,43	0,17	195	175	215	184
1x70/16 rm	30,0	950	1000	180	0,443	0,70	0,40	0,19	235	210	270	230
1x95/16 rm	32,0	1050	1000	180	0,320	0,67	0,38	0,22	280	255	325	280
1x120/16 rm	33,0	1200	1000	180	0,253	0,65	0,37	0,24	320	290	375	324
1x150/25 rm	35,0	1400	1000	180	0,206	0,63	0,35	0,26	352	320	425	368
1x185/25 rm	37,0	1550	1000	200	0,1640	0,61	0,34	0,28	400	365	485	424
1x240/25 rm	39,0	1800	1000	220	0,1250	0,59	0,33	0,30	460	425	570	502
1x300/25 rm	42,0	2050	1000	240	0,1000	0,57	0,32	0,33	515	475	645	565
1x400/35 rm	45,0	2550	1000	240	0,0788	0,55	0,31	0,37	570	540	735	660
1x500/35 rm	49,0	2900	1000	240	0,0605	0,53	0,30	0,41	630	610	830	745
1x630/35 rm	52,0	3400	1000	260	0,0469	0,51	0,29	0,45	720	690	945	850

MASAYA®

18/30 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES

YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	⁂		●●●	⁂	●●●	⁂
1x35/16 rm	33,0	1000	1000	160	0,868	0,77	0,49	0,12	160	135	185	154
1x50/16 rm	34,0	1100	1000	180	0,641	0,75	0,47	0,14	195	175	215	184
1x70/16 rm	36,0	1200	1000	180	0,443	0,71	0,44	0,15	235	210	270	230
1x95/16 rm	38,0	1400	1000	180	0,320	0,69	0,42	0,17	280	255	325	280
1x120/16 rm	39,0	1500	1000	180	0,253	0,66	0,41	0,18	320	290	375	324
1x150/25 rm	40,0	1750	1000	180	0,206	0,64	0,4	0,19	352	320	425	368
1x185/25 rm	42,0	1900	1000	200	0,1640	0,63	0,39	0,21	400	365	485	424
1x240/25 rm	44,0	2200	1000	220	0,1250	0,60	0,37	0,23	460	425	570	502
1x300/25 rm	47,0	2450	1000	240	0,1000	0,59	0,36	0,25	515	475	645	565
1x400/35 rm	52,0	3000	1000	240	0,0788	0,57	0,35	0,28	570	540	735	660
1x500/35 rm	56,0	3400	1000	240	0,0605	0,55	0,34	0,30	630	610	830	745
1x630/35 rm	59,0	3900	1000	260	0,0469	0,52	0,33	0,33	720	690	945	850

MASAYA®

20,3/35 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES

YAXC7V-R (TSE)
NA2XSY(VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC(BS)

Type	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC(BS)
Standards	TS IEC 60502-2, VDE 0276, TSE K 204
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Sheath.
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x35/16 rm	34,0	1100	1000	180	0,868	0,77	0,51	0,11	160	135	185	154
1x50/16 rm	35,0	1200	1000	200	0,641	0,75	0,49	0,12	195	175	215	184
1x70/16 rm	37,0	1350	1000	220	0,443	0,71	0,46	0,13	235	210	270	230
1x95/16 rm	39,0	1500	1000	220	0,320	0,69	0,44	0,15	280	255	325	280
1x120/16 rm	40,0	1600	1000	220	0,253	0,66	0,42	0,16	320	290	375	324
1x150/25 rm	42,0	1850	1000	220	0,206	0,64	0,41	0,17	352	320	425	368
1x185/25 rm	44,0	2050	1000	220	0,1640	0,63	0,39	0,18	400	365	485	424
1x240/25 rm	47,0	2300	1000	220	0,1250	0,60	0,38	0,20	460	425	570	502
1x300/25 rm	49,0	2600	1000	240	0,1000	0,59	0,37	0,21	515	475	645	565
1x400/35 rm	52,0	3100	1000	240	0,0788	0,57	0,35	0,23	570	540	735	660
1x500/35 rm	56,0	3550	1000	240	0,0605	0,55	0,34	0,26	630	610	830	745
1x630/35 rm	60,0	4100	1000	260	0,0469	0,52	0,33	0,29	720	690	945	850

MASAYA®

3,6/6 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
2AXSY(IEC)
Al/XLPE/SC/PVC/ AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x25/16 rm	25,0	700	1000	130	1,200	0,77	0,43	0,25	112	108	153	127
1x35/16 rm	26,0	750	1000	140	0,868	0,75	0,41	0,28	160	135	185	154
1x50/16 rm	27,5	850	1000	140	0,641	0,72	0,39	0,31	195	175	215	184
1x70/16 rm	29,5	950	1000	160	0,443	0,68	0,37	0,36	235	210	270	230
1x95/16 rm	31,5	1100	1000	160	0,320	0,65	0,36	0,40	280	255	325	280
1x120/16 rm	33,0	1200	1000	160	0,253	0,63	0,34	0,44	320	290	375	324
1x150/25 rm	35,5	1500	1000	180	0,206	0,62	0,33	0,48	352	320	425	368
1x185/25 rm	37,5	1650	1000	180	0,1640	0,60	0,32	0,52	400	365	485	424
1x240/25 rm	40,0	1950	1000	200	0,1250	0,57	0,30	0,57	460	425	570	502
1x300/25 rm	43,0	2250	1000	220	0,1000	0,56	0,29	0,60	515	475	645	585
1x400/35 rm	48,0	2950	1000	230	0,0788	0,55	0,28	0,63	570	540	735	660
1x500/35 rm	52,5	3400	1000	240	0,0605	0,53	0,27	0,67	630	610	830	745
1x630/35 rm	56,0	3950	1000	260	0,0469	0,51	0,26	0,70	720	690	955	850

MASAYA®

6/10 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
Al/XLPE/SC/PVC/
AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	●● ●		●●●	●● ●	●●●	●● ●
1x25/16 rm	27,0	750	1000	140	1,200	0,78	0,45	0,20	112	108	153	127
1x35/16 rm	28,0	850	1000	140	0,868	0,75	0,43	0,22	160	135	185	154
1x50/16 rm	30,0	950	1000	160	0,641	0,73	0,41	0,24	195	175	215	184
1x70/16 rm	31,5	1050	1000	160	0,443	0,69	0,38	0,27	235	210	270	230
1x95/16 rm	33,0	1200	1000	160	0,320	0,66	0,36	0,30	280	255	325	280
1x120/16 rm	35,5	1400	1000	160	0,253	0,64	0,35	0,33	320	290	375	324
1x150/25 rm	37,0	1600	1000	160	0,206	0,62	0,34	0,36	352	320	425	368
1x185/25 rm	39,0	180	1000	180	0,1640	0,61	0,33	0,39	400	365	485	424
1x240/25 rm	42,0	2050	1000	200	0,1250	0,58	0,32	0,44	460	425	570	502
1x300/25 rm	44,0	2300	1000	220	0,1000	0,56	0,31	0,48	515	475	645	565
1x400/35 rm	49,0	3000	1000	230	0,0788	0,55	0,30	0,53	570	540	735	660
1x500/35 rm	52,5	3450	1000	240	0,0605	0,53	0,29	0,59	630	610	830	745
1x630/35 rm	56,5	4000	1000	260	0,0469	0,51	0,28	0,68	720	690	945	850

MASAYA®

8,7/15 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
Al/XLPE/SC/PVC/
AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	●● ●		●●●	●● ●	●●●	●● ●
1x25/16 rm	29,0	900	1000	140	1,200	0,79	0,47	0,16	112	108	153	127
1x35/16 rm	30,0	950	1000	160	0,868	0,75	0,44	0,18	160	135	185	154
1x50/16 rm	32,0	1050	1000	160	0,641	0,73	0,43	0,19	195	175	215	184
1x70/16 rm	34,0	1150	1000	160	0,443	0,70	0,40	0,22	235	210	270	230
1x95/16 rm	36,0	1400	1000	160	0,320	0,67	0,38	0,24	280	255	325	280
1x120/16 rm	38,0	1550	1000	160	0,253	0,65	0,37	0,27	320	290	375	324
1x150/25 rm	39,5	1750	1000	180	0,206	0,63	0,35	0,29	352	320	425	368
1x185/25 rm	41,5	1950	1000	200	0,1640	0,61	0,34	0,31	400	365	485	424
1x240/25 rm	44,0	2200	1000	220	0,1250	0,59	0,33	0,34	460	425	570	502
1x300/25 rm	47,5	2650	1000	220	0,1000	0,57	0,32	0,38	515	475	645	565
1x400/35 rm	51,5	3200	1000	230	0,0788	0,55	0,31	0,41	570	540	735	660
1x500/35 rm	55,0	3650	1000	240	0,0605	0,53	0,30	0,46	630	610	830	745
1x630/35 rm	59,0	4200	1000	260	0,0469	0,51	0,29	0,53	720	690	945	850

MASAYA®

12/20 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
Al/XLPE/SC/PVC/
AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x35/16 rm	32,5	1050	1000	160	0,868	0,75	0,44	0,16	160	135	185	154
1x50/16 rm	34,5	1200	1000	160	0,641	0,73	0,43	0,17	195	175	215	184
1x70/16 rm	36,5	1350	1000	160	0,443	0,70	0,40	0,19	235	210	270	230
1x95/16 rm	38,5	1500	1000	160	0,320	0,67	0,38	0,22	280	255	325	280
1x120/16 rm	40,0	1650	1000	180	0,253	0,65	0,37	0,24	320	290	375	324
1x150/25 rm	41,5	1900	1000	180	0,206	0,63	0,35	0,26	352	320	425	368
1x185/25 rm	43,5	2100	1000	200	0,1640	0,61	0,34	0,28	400	365	485	424
1x240/25 rm	47,0	2550	1000	220	0,1250	0,59	0,33	0,30	460	425	570	502
1x300/25 rm	50,0	2850	1000	220	0,1000	0,57	0,32	0,33	515	475	645	565
1x400/35 rm	53,5	3400	1000	230	0,0788	0,55	0,31	0,37	570	540	735	660
1x500/35 rm	57,0	3850	1000	240	0,0605	0,53	0,30	0,41	630	610	830	745
1x630/35 rm	61,0	4450	1000	260	0,0469	0,51	0,29	0,45	720	690	945	850

MASAYA®

18/30 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
Al/XLPE/SC/PVC/
AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x35/16 rm	39,0	1450	1000	200	0,868	0,77	0,49	0,12	160	135	185	154
1x50/16 rm	40,0	1550	1000	220	0,641	0,75	0,47	0,14	195	175	215	184
1x70/16 rm	42,0	1750	1000	220	0,443	0,71	0,44	0,15	235	210	270	230
1x95/16 rm	45,0	1900	1000	220	0,320	0,69	0,42	0,17	280	255	325	280
1x120/16 rm	47,0	2000	1000	220	0,253	0,66	0,41	0,18	320	290	375	324
1x150/25 rm	48,0	2500	1000	220	0,206	0,64	0,4	0,19	352	320	425	368
1x185/25 rm	50,0	2700	1000	230	0,1640	0,63	0,39	0,21	400	365	485	424
1x240/25 rm	53,0	3000	1000	240	0,1250	0,60	0,37	0,23	460	425	570	502
1x300/25 rm	55,0	3350	1000	240	0,1000	0,59	0,36	0,25	515	475	645	565
1x400/35 rm	59,0	4000	1000	240	0,0788	0,57	0,35	0,28	570	540	735	660
1x500/35 rm	63,0	4500	1000	250	0,0605	0,55	0,34	0,30	630	610	830	745
1x630/35 rm	67,0	5000	1000	260	0,0469	0,52	0,33	0,33	720	690	945	850

MASAYA®

20,3/35 kV

XLPE INSULATED SINGLE CORE GALVANIZED ROUND ALUMINIUM WIRE MEDIUM VOLTAGE POWER CABLES

YAXC7VY2V-R (TSE)
NA2XSYR(AL)Y (VDE)
Al/XLPE/SC/PVC/
AWA/PVC (BS)

Type	YAXC7VY2V-R (TSE), NA2XSYR(AL)Y (VDE), AL/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276, TSE K 204
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Wires Screen, Copper Tape, Polyester Tape, PVC Separation Sheath, Aluminum Round Armour Wires, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information							
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)			
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C		Air(A) at 30 °C	
						●●●	▲		●●●	▲	●●●	▲
1x35/16 rm	41,0	1450	1000	200	0,868	0,77	0,51	0,11	160	135	185	154
1x50/16 rm	42,0	1550	1000	220	0,641	0,75	0,49	0,12	195	175	215	184
1x70/16 rm	44,0	1750	1000	220	0,443	0,71	0,46	0,13	235	210	270	230
1x95/16 rm	47,0	1900	1000	220	0,320	0,69	0,44	0,15	280	255	325	280
1x120/16 rm	48,5	2000	1000	220	0,253	0,66	0,42	0,16	320	290	375	324
1x150/25 rm	50,5	2500	1000	220	0,206	0,64	0,41	0,17	352	320	425	368
1x185/25 rm	52,5	2700	1000	230	0,1640	0,63	0,39	0,18	400	365	485	424
1x240/25 rm	55,0	3000	1000	240	0,1250	0,60	0,38	0,20	460	425	570	502
1x300/25 rm	57,0	3350	1000	240	0,1000	0,59	0,37	0,21	515	475	645	565
1x400/35 rm	61,0	4000	1000	240	0,0788	0,57	0,35	0,23	570	540	735	603
1x500/35 rm	65,0	4500	1000	250	0,0605	0,55	0,34	0,26	630	610	830	745
1x630/35 rm	69,0	5000	1000	260	0,0469	0,52	0,33	0,29	720	690	945	850

MASAYA®

3,6/6 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 ° C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	46,0	3200	1000	220	0,868	0,35	0,28	140	133
3x50/16 rm	48,0	3550	1000	240	0,641	0,34	0,30	160	150
3x70/16 rm	53,0	4200	1000	240	0,443	0,32	0,35	195	190
3x95/16 rm	57,0	4800	1000	260	0,320	0,31	0,39	235	238
3x120/16 rm	60,0	5500	500	220	0,253	0,30	0,43	275	274
3x150/25 rm	64,0	6200	500	220	0,206	0,29	0,47	305	309
3x185/25 rm	67,0	7100	500	240	0,1640	0,28	0,50	345	354
3x240/25 rm	74,0	8300	500	240	0,1250	0,27	0,55	410	415
3x300/25 rm	80,0	9800	500	260	0,1000	0,26	0,57	460	500
3x400/35 rm	88,0	12100	250	220	0,0788	0,26	0,59	520	560

MASAYA®

6/10 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●●	⁂	●●●	⁂
3x35/16 rm	50,0	3700	1000	240	0,868	0,38		0,22	140	133
3x50/16 rm	53,0	4100	1000	240	0,641	0,36		0,24	160	150
3x70/16 rm	57,0	4700	1000	260	0,443	0,34		0,27	195	190
3x95/16 rm	61,0	5500	500	220	0,320	0,32		0,30	235	238
3x120/16 rm	64,0	6100	500	220	0,253	0,31		0,33	275	274
3x150/25 rm	68,0	6700	500	220	0,206	0,30		0,36	305	309
3x185/25 rm	72,0	7700	500	240	0,1640	0,29		0,39	345	354
3x240/25 rm	77,0	9000	500	240	0,1250	0,28		0,44	410	415
3x300/25 rm	83,0	10500	250	220	0,1000	0,27		0,48	460	500
3x400/35 rm	90,0	12000	250	220	0,0788	0,26		0,53	520	560

MASAYA®

8,7/15 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●●	⁂	●●●	⁂
3x35/16 rm	56,0	4400	1000	240	0,868	0,40		0,18	140	133
3x50/16 rm	59,0	4900	500	220	0,641	0,38		0,19	160	150
3x70/16 rm	63,0	5500	500	220	0,443	0,36		0,22	195	190
3x95/16 rm	67,0	6200	500	220	0,320	0,34		0,24	235	238
3x120/16 rm	70,0	7000	500	240	0,253	0,33		0,27	275	274
3x150/25 rm	74,0	7700	500	240	0,206	0,32		0,29	305	309
3x185/25 rm	77,0	8600	500	260	0,1640	0,31		0,31	345	354
3x240/25 rm	84,0	10000	250	220	0,1250	0,30		0,34	410	415
3x300/25 rm	89,0	11500	250	220	0,1000	0,29		0,38	460	500
3x400/35 rm	95,0	13100	250	240	0,0788	0,28		0,41	520	560

MASAYA®

12/20 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	61,0	5000	500	220	0,868	0,41	0,14	140	133
3x50/16 rm	64,0	5500	500	220	0,641	0,39	0,15	160	150
3x70/16 rm	68,0	6400	500	220	0,443	0,37	0,17	195	190
3x95/16 rm	72,0	7000	500	240	0,320	0,35	0,19	235	238
3x120/16 rm	76,0	7800	500	240	0,253	0,34	0,21	275	274
3x150/25 rm	79,0	8500	500	240	0,206	0,32	0,22	305	309
3x185/25 rm	84,0	9000	500	260	0,1640	0,31	0,24	345	354
3x240/25 rm	90,0	10700	250	220	0,1250	0,3	0,27	410	415
3x300/25 rm	96,0	12000	250	220	0,1000	0,29	0,29	460	500
3x400/35 rm	103,0	14000	250	240	0,0788	0,28	0,33	520	560

MASAYA®

18/30 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	73,0	6900	1000	260	0,868	0,45	0,11	140	133
3x50/16 rm	75,0	7400	500	220	0,641	0,43	0,12	160	150
3x70/16 rm	79,0	8200	500	220	0,443	0,41	0,14	195	190
3x95/16 rm	84,0	9000	500	260	0,320	0,38	0,15	235	238
3x120/16 rm	88,0	9900	500	260	0,253	0,37	0,16	275	274
3x150/25 rm	92,0	10700	500	260	0,206	0,36	0,17	305	309
3x185/25 rm	96,0	11800	350	240	0,1640	0,35	0,18	345	354
3x240/25 rm	102,0	13200	350	260	0,1250	0,33	0,21	410	415
3x300/25 rm	108,0	15000	250	260	0,1000	0,32	0,22	460	500
3x400/35 rm	115,0	17000	250	260	0,0788	0,31	0,25	520	560

MASAYA®

20,3/35 kV

XLPE INSULATED GALVANİZED FLAT STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)

Type	YAXC8VZ3V-R (TSE), NA2XSEYFGbY(VDE)
Standards	TS IEC 60502-2, VDE 0276, TSE K 204
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Steel Wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●● ⁂	●●● ⁂
3x35/16 rm	78,0	7800	500	240	0,868	0,47		0,11	140	133
3x50/16 rm	81,0	8400	500	240	0,641	0,45		0,12	160	150
3x70/16 rm	85,0	9300	500	250	0,443	0,42		0,13	195	190
3x95/16 rm	90,0	10200	500	250	0,320	0,40		0,15	235	238
3x120/16 rm	94,0	11100	250	260	0,253	0,39		0,16	275	274
3x150/25 rm	97,0	12000	250	240	0,206	0,37		0,17	305	309
3x185/25 rm	100,0	13000	250	240	0,1640	0,36		0,18	345	354
3x240/25 rm	106,0	14800	250	250	0,1250	0,35		0,20	410	415
3x300/25 rm	113,0	16000	250	250	0,1000	0,29		0,22	460	500
3x400/35 rm	120,0	18200	250	250	0,0788	0,28		0,24	520	560

MASAYA®

3,6/6 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●●	⁂	●●●	⁂
3x35/16 rm	48,5	4100	1000	240	0,868	0,35		0,28	140	133
3x50/16 rm	52,0	4600	1000	240	0,641	0,34		0,30	160	150
3x70/16 rm	55,0	5400	1000	240	0,443	0,32		0,35	195	190
3x95/16 rm	60,0	6000	500	220	0,320	0,31		0,39	235	238
3x120/16 rm	63,0	6300	500	220	0,253	0,30		0,43	275	274
3x150/25 rm	66,0	7000	500	220	0,206	0,29		0,47	305	309
3x185/25 rm	71,0	7800	500	220	0,1640	0,28		0,50	345	354
3x240/25 rm	78,0	10500	250	220	0,1250	0,27		0,55	410	415
3x300/25 rm	84,0	12000	250	220	0,1000	0,26		0,57	460	500
3x400/35 rm	92,0	14500	250	240	0,0788	0,26		0,59	520	560

MASAYA®

6/10 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 ° C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●●	⁂	●●●	⁂
3x35/16 rm	54,0	5100	500	240	0,868	0,38		0,22	140	133
3x50/16 rm	57,0	5650	500	240	0,641	0,36		0,24	160	150
3x70/16 rm	61,0	6350	500	240	0,443	0,34		0,27	195	190
3x95/16 rm	65,0	7200	500	260	0,320	0,32		0,30	235	238
3x120/16 rm	69,0	8000	500	260	0,253	0,31		0,33	275	274
3x150/25 rm	72,0	8800	500	260	0,206	0,30		0,36	305	309
3x185/25 rm	78,0	10500	250	220	0,1640	0,29		0,39	345	354
3x240/25 rm	84,0	12300	250	220	0,1250	0,28		0,44	410	415
3x300/25 rm	90,0	13800	250	220	0,1000	0,27		0,48	460	500
3x400/35 rm	97,0	16000	250	240	0,0788	0,26		0,53	520	560

MASAYA®

8,7/15 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	59,0	5500	500	240	0,868	0,40	0,18	140	133
3x50/16 rm	62,0	6000	500	240	0,641	0,38	0,19	160	150
3x70/16 rm	66,0	7000	500	240	0,443	0,36	0,22	195	190
3x95/16 rm	70,0	8000	500	240	0,320	0,34	0,24	235	238
3x120/16 rm	73,0	8500	500	260	0,253	0,33	0,27	275	274
3x150/25 rm	78,0	10000	500	260	0,206	0,32	0,29	305	309
3x185/25 rm	83,0	11500	250	220	0,1640	0,31	0,31	345	354
3x240/25 rm	88,0	13000	250	220	0,1250	0,30	0,34	410	415
3x300/25 rm	94,0	14500	250	240	0,1000	0,29	0,38	460	500
3x400/35 rm	101,0	16400	250	240	0,0788	0,28	0,41	520	560

MASAYA®

12/20 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	65,0	6500	500	240	0,868	0,41	0,14	140	133
3x50/16 rm	68,0	7000	500	240	0,641	0,39	0,15	160	150
3x70/16 rm	72,0	8000	500	240	0,443	0,37	0,17	195	190
3x95/16 rm	77,0	9500	500	260	0,320	0,35	0,19	235	238
3x120/16 rm	81,0	10500	500	260	0,253	0,34	0,21	275	274
3x150/25 rm	84,0	11250	250	220	0,206	0,32	0,22	305	309
3x185/25 rm	89,0	12000	250	220	0,1640	0,31	0,24	345	354
3x240/25 rm	95,0	13500	250	240	0,1250	0,3	0,27	410	415
3x300/25 rm	100,0	15000	250	260	0,1000	0,29	0,29	460	500
3x400/35 rm	107,0	17600	250	260	0,0788	0,28	0,33	520	560

MASAYA®

18/30 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information				
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)	Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)	(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●● ⁂		●●● ⁂	●●● ⁂
3x35/16 rm	79,0	9500	500	260	0,868	0,45	0,11	140	133
3x50/16 rm	82,0	10000	500	260	0,641	0,43	0,12	160	150
3x70/16 rm	86,0	11000	250	220	0,443	0,41	0,14	195	190
3x95/16 rm	90,0	12000	250	220	0,320	0,38	0,15	235	238
3x120/16 rm	94,0	13000	250	240	0,253	0,37	0,16	275	274
3x150/25 rm	97,0	14000	250	240	0,206	0,36	0,17	305	309
3x185/25 rm	102,0	15000	250	240	0,1640	0,35	0,18	345	354
3x240/25 rm	108,0	17000	250	260	0,1250	0,33	0,21	410	415
3x300/25 rm	114,0	19000	250	260	0,1000	0,32	0,22	460	500
3x400/35 rm	121,0	21000	250	260	0,0788	0,31	0,25	520	560

MASAYA®

20,3/35 kV

XLPE INSULATED GALVANISED ROUND STEEL WIRE ARMOURED MEDIUM VOLTAGE POWER CABLES

YAXC8VZ2V-R
NA2XSEYRY

Type	YAXC8VZ2V-R, NA2XSEYRY
Standards	TS IEC 60502-2, VDE 0276, TSE K 204
Construction	Aluminium Conductor, Inner Semiconductive Layer, XLPE Insulation, Outer Semiconductive Layer, Semiconductive Tape, Copper Tape Screen, PVC Inner Sheath, PVC Separation Sheath, Galvanized Round Steel wires and Tape, PVC Outer Sheath
Application Areas	Where there is mechanical heavy duties, underground, cable ducts, power distribution cabinets, city network, industrial builds
Technical Data	Max. operating temperature 90°C Max. permissible short circuit temperature 250°C, max. for 5 sec. Min. Bending radius 15*D D: overall diameter.

Dimensions and Weights					Electrical Information					
Nominal cross-section	Overall Diameter	Net weight	Standart delivery lenght	Standart delivery reel size	Conductor DC resistance at 20 °C	Per conductor inductance (approx.)		Operating apacitance (approx.) at 20 °C	Current carrying capacity (approx.)	
(mm²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(mikrofarad/km)	Ground (A) at 20 °C	Air(A) at 30 °C
						●●●	⁂		●●●	⁂	●●●	⁂
3x35/16 rm	84,0	11000	500	260	0,868	0,47		0,11	140	133
3x50/16 rm	87,0	11500	500	260	0,641	0,45		0,12	160	150
3x70/16 rm	91,0	12500	250	240	0,443	0,42		0,13	195	190
3x95/16 rm	95,0	13500	250	240	0,320	0,40		0,15	235	238
3x120/16 rm	99,0	14500	250	240	0,253	0,39		0,16	275	274
3x150/25 rm	102,0	15700	250	240	0,206	0,37		0,17	305	309
3x185/25 rm	107,0	17000	250	260	0,1640	0,36		0,18	345	354
3x240/25 rm	113,0	19000	250	260	0,1250	0,35		0,20	410	415
3x300/25 rm	118,0	20500	250	260	0,1000	0,29		0,22	460	500
3x400/35 rm	125,0	23000	250	260	0,0788	0,28		0,24	520	560

MASAYA®

NA2XS(f)2Y

CONSTRUCTION

1 Aluminium conductor (class 2)
2 Inner semi conductive layer
3 XLPE insulation
4 Outer semi conductive layer
5 Semi conductive water blocking tape
6 Concentric conductor
7 Copper tape
8 Water Swelling tape
9 PE outer sheath

SPECIFICATIONS

Code : NA2XS(F)2Y
Standards : VDE 0273 IEC 60502-2
Rated voltage : Uo/U=6/10 kV
Uo/U=8.7/15 kV
Uo/U=12/20 kV
Uo/U=18/30 kV
Uo/U=20.3/35 kV

Application :
On this cable, electrical losses are minimized. Used for supplying power for populated and industrial regions, networks having voltage increase risk; can be installed in underground, indoor, outdoor and also in cable channel applications.These cables can also be used in humid and wet applications.

Temperature Range

Max. Operation Temperature

Short Circuit Temperature


Flame Retardant
IEC 60332 -1-2

Min. Bending Radius

RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm^2	mm	kg/km	m	/ km (max.)	mH/km ⊙⊙⊙	mH/km ⊙ ⊙⊙	MF/km	A ⊙ ⊙ ⊙	A ⊙ ⊙⊙	A ⊙ ⊙ ⊙	A ⊙ ⊙⊙
6/10 (12) kV											
1x35/16 rm	23	600	130	0.641	0.78	0.43	0.23	134	129	123	122
1x50/16 rm	24	670	130	0.443	0.73	0.41	0.24	157	152	146	144
1x70/16 rm	26	765	140	0.320	0.69	0.38	0.27	192	186	178	176
1x95/16 rm	28	870	150	0.253	0.66	0.36	0.30	229	221	213	210
1x120/16 rm	29	995	150	0.206	0.64	0.35	0.33	260	252	242	240
1x150/25 rm	31	1200	160	0.206	0.62	0.34	0.36	288	281	271	267
1x185/25 rm	33	1350	160	0.164	0.61	0.33	0.39	324	317	307	303
1x240/25 rm	35	1580	180	0.125	0.58	0.32	0.44	373	367	356	351
1x300/25 rm	37	1800	200	0.100	0.56	0.31	0.48	419	414	402	397
1x400/35 rm	41	2200	200	0.0778	0.55	0.30	0.53	466	470	457	451
1x500/35 rm	44	2650	220	0.0605	0.53	0.29	0.59	526	542	508	502

MASAYA®

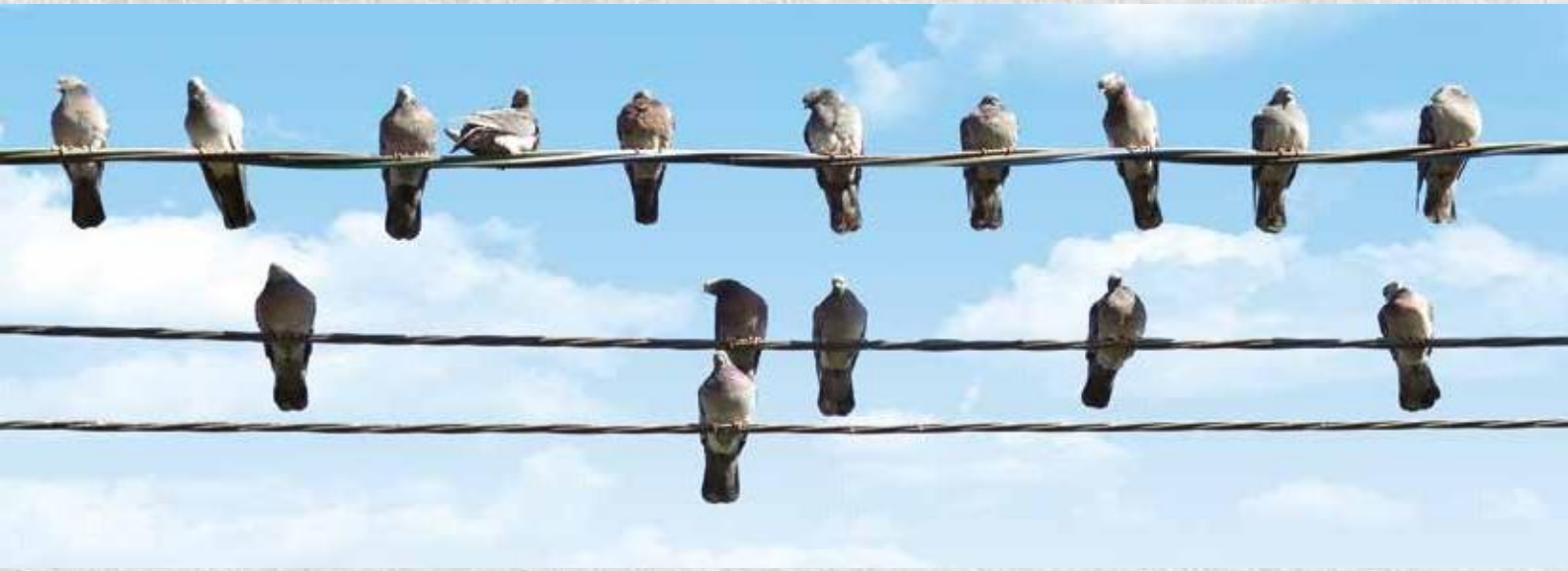
NA2XS(f)2Y

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery drum type for 1000 m. cable	Conductor DC resistance at 20°C	Operating inductance approx		Operating capacity approx	Current carrying capacity in (30°C)			
								Earth		Air	
mm²	mm	kg/km	m	/ km (max.)	mH/km ⊙⊙⊙	mH/km ⊙⊙⊙	MF/km	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙	A ⊙⊙⊙
	25	700	140	0.868	0.76	0.45	0.16	134	129	123	122
8.7/15 (17.5) kV	26	770	140	0.641	0.73	0.43	0.19	157	152	146	144
1x35/16 rm	28	850	150	0.443	0.70	0.40	0.22	192	186	178	176
1x50/16 rm	30	1000	150	0.320	0.67	0.38	0.24	229	221	213	210
1x70/16 rm	31	1100	160	0.253	0.65	0.37	0.27	260	252	242	240
1x95/16 rm	33	1300	160	0.206	0.63	0.35	0.29	288	281	271	267
1x120/16 rm	35	1500	180	0.164	0.61	0.34	0.31	324	317	307	303
1x150/25 rm	37	1700	180	0.125	0.59	0.33	0.34	373	367	356	351
1x185/25 rm	40	1950	200	0.100	0.57	0.32	0.38	419	414	402	397
1x240/25 rm	43	2400	220	0.0778	0.55	0.31	0.41	466	470	457	451
1x300/25 rm	46	2800	220	0.0605	0.53	0.30	0.46	526	542	508	502
1x400/35 rm											
1x500/35 rm											
	27	800	140	0.868	0.75	0.43	0.14	134	129	123	122
12/20 (24) kV	29	850	150	0.641	0.72	0.41	0.17	157	152	146	144
1x35/16 rm	30	950	150	0.443	0.69	0.39	0.19	192	186	178	176
1x50/16 rm	32	1100	160	0.320	0.66	0.36	0.21	229	221	213	210
1x70/16 rm	34	1200	180	0.253	0.64	0.35	0.23	260	252	242	240
1x95/16 rm	35	1500	180	0.206	0.62	0.33	0.25	288	281	271	267
1x120/16rm	37	1600	180	0.164	0.59	0.32	0.27	324	317	307	303
1x150/25rm	40	1850	200	0.125	0.57	0.31	0.30	373	367	356	351
1x185/25rm	42	2100	200	0.100	0.55	0.30	0.32	419	414	402	397
1x240/25rm	45	2550	220	0.0778	0.53	0.29	0.35	466	470	457	451
1x300/25rm	48	2950	240	0.0605	0.51	0.27	0.37	526	542	508	502
1x400/35rm											
1x500/35rm											
	33	1050	160	0.868	0.74	0.49	0.11	134	129	123	122
18/30 (36) kV	34	1100	180	0.641	0.71	0.47	0.13	157	152	146	144
1x35/16 rm	36	1250	180	0.443	0.68	0.45	0.15	192	186	178	176
1x50/16 rm	37	1360	180	0.320	0.64	0.42	0.16	229	221	213	210
1x70/16 rm	39	1550	200	0.253	0.62	0.41	0.17	260	252	242	240
1x95/16 rm	41	1750	200	0.206	0.59	0.40	0.19	288	281	271	267
1x120/16rm	42	1950	200	0.164	0.57	0.38	0.20	324	317	307	303
1x150/25rm	45	2200	220	0.125	0.55	0.37	0.22	373	367	356	351
1x185/25rm	47	2450	240	0.100	0.53	0.35	0.24	419	414	402	397
1x240/25rm	50	2950	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x300/25rm	54	3450	260	0.0605	0.49	0.33	0.28	526	542	508	502
1x400/35rm											
1x500/35rm											
	35	1150	180	0.868	0.74	0.49	0.11	134	129	123	122
20.3/35 (42) kV	36	1250	180	0.641	0.71	0.47	0.13	157	152	146	144
1x35/16 rm	38	1400	200	0.443	0.68	0.45	0.15	192	186	178	176
1x50/16 rm	40	1500	200	0.320	0.64	0.42	0.16	229	221	213	210
1x70/16 rm	41	1650	200	0.253	0.62	0.41	0.17	260	252	242	240
1x95/16 rm	43	1900	220	0.206	0.59	0.40	0.19	288	281	271	267
1x120/16rm	45	2100	220	0.164	0.57	0.38	0.20	324	317	307	303
1x150/25rm	47	2350	220	0.125	0.55	0.37	0.22	373	367	356	351
1x185/25rm	49	2650	240	0.100	0.53	0.35	0.24	419	414	402	397
1x240/25rm	53	3100	260	0.0778	0.51	0.34	0.26	466	470	457	451
1x300/25rm	56	3600	260	0.0605	0.49	0.33	0.28	526	542	508	502
1x400/35rm											
1x500/35rm											

MASAYA®

AERIAL BUNDLED CABLES



Application

- Better choice because of flexibility for rerouting as demanded by changes in urban development plan
- In hilly terrains where cost of erection of overhead lines or underground cable becomes very high
- As replacement of bare lines where high degree of stability of supply voltage is of importance
- As reinforcement of existing system without increasing voltage with limited budget
- Between Power cables and Overhead conductors
- Instead of bare conductors at low voltage networks
- In developing urban complex
- For temporary supplies
- In theft prone areas

Advantages

- Lower voltage drop, higher current carrying capacitances vis-à-vis better voltage regulation and low inductance leading to low impedance of lines
- Insulation prevents corrosion of the conductor and danger risk of touching live conductor
- Perfect for installation, erection and stringing in rural distribution in difficult terrains
- Longer spans and longer distance lines are possible with better system stability
- Constand in close proximity to trees and will not generate sparks if touched
- Possible faults are eleminated due to destruction of trees
- Electricity theft is made harder and more obvious to detect
- Lightweight and cheaper than power cables
- Much safer than bare Conductors

Masayaholding.com

MASAYA®

NFA 2X

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Longitudinal Ridges- Public Lighting
- Insulated Alloy / Almelec Porter
- Paper Separation (Optional)

AsXSn

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Longitudinal Ridges
- Self Supporting Porter

AXKA

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Longitudinal Ridges- Public Lighting
- Bare Alloy Porter

AMKA

Construction

- Aluminium Compacted Conductor
- Black HDPE Insulation
- Longitudinal Ridges
- Bare Alloy Porter

TWISTED CABLE

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Longitudinal Ridges
- Public Lighting
- Insulated Alloy / Almelec Porter

BAXB

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Longitudinal Ridges
- Public Lighting
- Insulated Alloy / Almelec Porter

AER

Construction

- Aluminium Compacted Conductor
- Black HDPE Insulation
- Longitudinal Ridges
- Public Lighting
- Bare Alloy Porter

ARE4RX

Construction

- Aluminium Compacted Conductor
- Black XLPE Insulation
- Grey XLPE Sheath
- Self Supporting Porter

MASAYA®

· СИП2

Construction

- Aluminium Compacted Conductor
- СИП 1 - Black LDPE Insulation
- СИП 2 - Black XLPE Insulation
- Longitudinal Ridges
- Bare Alloy or ACSR Porter

СИП1А - СИП2А

Construction

- Aluminium Compacted Conductor
- СИП 1А - Black LDPE Insulation
- СИП 2А - Black XLPE Insulation
- Longitudinal Ridges
- Insulated Alloy or ACSR Porter

СИП4 - СИП5

Construction

- Aluminium Compacted Conductor
- СИП 4 - Black LDPE Insulation
- СИП 5 - Black XLPE Insulation
- Longitudinal Ridges
- Self Supporting Porter

E-A2Y / E–XA2Y

Construction

- Aluminium Compacted Conductor
- XLPE Insulation
- Longitudinal Ridges
- Public Lighting
- Self Supporting Porter

СИПЗ

6 /10 kV
12 /20 kV

Construction

- Watertight Compacted AAAC
- XLPE Insulation

СИПЗ

6 /10 kV
12 /20 kV

Construction

- Watertight Compacted ACSR
- XLPE Insulation

PAS-W – AAsXSn

6 /10 kV
12 /20 kV

Construction

- Watertight Compacted AAAC
- XLPE Insulation

MV 1 Core Aerial Cable

Construction

- Watertight Compacted ACSR
- Inner Semi Conductive Layer
- XLPE Insulation
- PVC or HDPE Outer Sheath

MASAYA®

/ BLX-T

Construction

- Watertight Compacted AAAC or ACSR
- Inner Semi Conductive Layer
- XLPE Insulation
- BLL-T HDPE Green Outer Sheath
- BLX-T Black XLPE Outer Sheath

AHXAMK-WM

Construction

- Watertight Aluminium Compacted Conductor
- Inner Semi Conductive Layer
- XLPE Insulation- Outer Semi Conductive Layer
- Water Swellable Tape
- Aluminium Plastic Laminate
- Black HDPE Outer Sheath
- Insulated Galvanised Steel Porter

MV Aerial Bundled Cable

6 / 10 kV

Construction

- Watertight Aluminium Compacted Conductor
- Inner Semi Conductive Layer
- XLPE Insulation
- Outer Semi Conductive Layer
- Copper Screening
- Black HDPE Outer Sheath
- Insulated Galvanised Steel Porter

MV Aerial Bundled Cable

12 / 20 kV

Construction

- Watertight Aluminium Compacted Conductor
- Inner Semi Conductive Layer
- XLPE Insulation
- Outer Semi Conductive Layer
- Copper Screening
- Black HDPE Outer Sheath
- Insulated Galvanised Steel Porter

ALUMINIUM UNDERGROUND CABLES

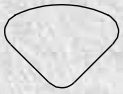
Application

- Unarmoured cables are used preferably for installation indoors, in cable ducts and in industrial plants or switching stations underground installation with additional protection where mechanical damage is unexpected
- Armoured Cables can be used where mechanical damaged is expected

Conductor

RE - Solid Round

RM - Stranded Round



SE - Solid Sector Shaped

SM - Stranded Sector Shaped

Insulation

- PVC
- XLPE
- PE
- HFFR
- MICA TAPE

Filler

- PE
- PVC
- Rubber
- HFFR

Screening

- Round Copper Wire & Copper Binding Tape
- Wave Form Round Copper Wire & Copper Binding Tape

Armouring

- Galvanized Round Steel Wire
- Galvanized Flat Steel Wire
- Galvanized Double Steel Tape
- Aluminium Wire (for One Core)

Outer Sheath

- PVC
- HDPE
- HFFR / LSOH
- HF FE 180 / E 90

MASAYA®

NAYY - NA2XY RE / RM

Construction

- Aluminium Round Compacted Conductor
- PVC or XLPE Insulation
- Filler
- PVC Outer Sheath

NAYY - NA2XY SM

Construction

- Aluminium Sector Shape Compacted Conductor
- PVC or XLPE Insulation
- Filler
- PVC Outer Sheath

NAYY - NA2XY SE

Construction

- Aluminium Sector Shape Solid Conductor
- PVC or XLPE Insulation
- Filler
- PVC Outer Sheath

NAY2Y - NA2X2Y

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Filler
- HDPE Outer Sheath

NAYBY - NA2XBY

Construction

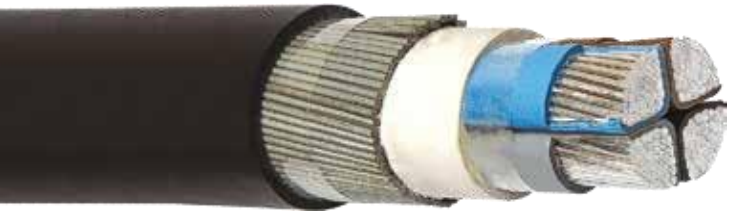
- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Galvanized Double Steel Tape
- PVC Outer Sheath

NAYBY - NA2XBY

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Galvanized Double Steel Tape
- PVC Outer Sheath

NAYRY - NA2XRY



Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Galvanized Round Steel Wire
- PVC Outer Sheath

NAYFGbY - NA2XFGbY

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Galvanized Flat Steel Wire
- Galvanized Steel Binding Tape
- PVC Outer Sheath

MASAYA®

NAYCY - NA2XCY

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Copper Concentric Screen
- Copper Binding Tape
- PVC Outer Sheath

NAYCWY - NA2XCWY
V-VMvKhsas

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC or XLPE Insulation
- Inner Sheath
- Wave Form Copper Wire
- Copper Binding Tape
- Pilot Wires (Optional)
- PVC Outer Sheath

AKKJ - AMCMK
V-VMvKhsas

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC Insulation
- Inner Sheath or Lapped Tape
- Copper Concentric Screen
- Copper Binding Tape
- Pilot Wires (Optional)
- PVC Outer Sheath

AXQJ - AXCMK

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- HF Inner Sheath
- Copper Concentric Screen
- Copper Binding Tape
- HFFR Outer Sheath

NA2XH

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- HF Filler
- Halogen Free Outer Sheath

NA2XRH

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- HF Inner Sheath
- Galvanized Round Steel Wire
- Halogen Free Outer Sheath

NA2XH FE 180 / E 90

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- MICA Tape
- XLPE Insulation
- HF Filler
- HF FE 180 / E90 Outer Sheath

NA2XY-FR

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- Filler
- PVC-FR Outer Sheath

MASAYA®

AVVG - SAVT - AYKY
E-AYY - YAKY - (N)AYY

Construction
- Aluminium Conductor (RM-RE-SE-SM)
- PVC Insulation
- Binding Tape or Filler
- Black PVC Outer Sheath
- SAVT - Grey PVC Outer Sheath

AVVG - SAVT - AYKY
E-AYY - YAKY - (N)AYY

Construction
- Aluminium Conductor (RM-RE-SE-SM)
- PVC Insulation
- Binding Tape or Filler
- PVC Outer Sheath

AXMK - YAKXS - N1XV
AXPK - XP 00-A

Construction
- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- Binding Tape or Filler
- PVC Outer Sheath

N1XE - XAKXS - E-AY2Y

Construction
- Aluminium Conductor (RM-RE-SE-SM)
- N1XE - XAKXS XLPE Insulation
- E–AY2Y PVC Insulation
- Binding Tape or Filler
- HDPE Outer Sheath

U-1000 AR2V - EAXVB

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- Filler
- PVC Outer Sheath

H1XDV-AS - LXAV

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- XLPE Insulation
- Inner Sheath
- Galvanized Double Steel Tape
- PVC Outer Sheath

SZAMKAM

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC Insulation
- Inner Sheath or Lapped Tape
- Aluminium Double Tape
- PVC Outer Sheath

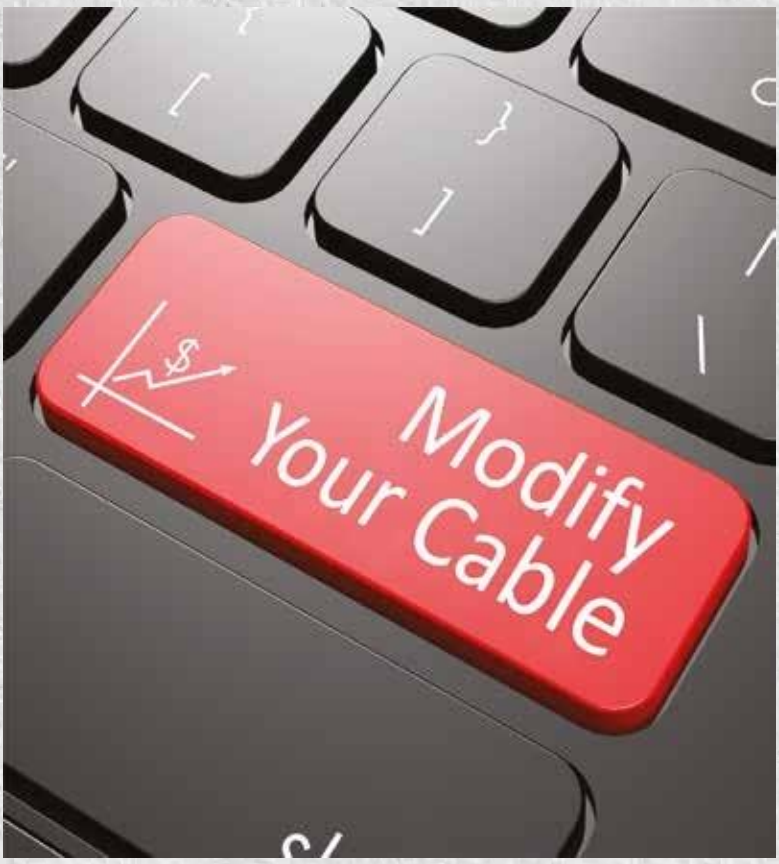
AYBY / LVAV / SAVBT

Construction

- Aluminium Conductor (RM-RE-SE-SM)
- PVC Insulation
- Inner Sheath
- Galvanized Double Steel Tape
- PVC Outer Sheath
- SAVBT - Grey PVC Outer Sheath

MASAYA®

ALUMINIUM FLEXIBLE CABLE



Application

This Aluminium Flexible Cable is designed for

- Photovoltaic / Solar Systems
- Wind Turbine Generators
- Heat and Power Plants
- Railway Vehicles
- Automobiles
- Transformer Stations
- Switching Stations / Control Panels
- Where Limitation in torsion angle, hard radius curves and cycles
- In Fixed and Flexing Installation

Remark

This Cable is a **"Custom Design Cable"**. Any demand can be tailored.

Characteristics to Build up Your Flexible Cable

- Rated Voltage Uo/U (Um)
- Annealing of Wires / Torons
- Stranding Direction of Torons
- Tape / Film Separator on Conductor
- Types of Insulation
- Oil and Grease Resistance
- U.V / Ozone Resistance
- Halogen / Smoke Content
- Flame / Fire Retardation
- Shielding & Screening
- Maximum Short - Circuit Temperature
- Fixed / Flexing Operating Temperature Range
- Low Smoke Emission / Low Toxicity / Low Corrosivity
- Type of Sheath Material (Thermoset / Thermoplastic)
- Min. Bending Radius for Fixed / Flexing installation

MASAYA®

Single Core Flexible Cable

Construction

- Finely Stranded Aluminium Conductor
- Annealing of Wires (Optional)
- Separator Film / Tape (Optional)
- Specially Formulated Insulation

Photovoltaic Cable

Construction

- Finely Stranded Aluminium Conductor
- Annealing of Wires (Optional)
- Separator Film / Tape (Optional)
- Specially Formulated Insulation
- Specially Formulated Sheath

Wind Turbine Cable

Construction

- Finely Stranded Aluminium Conductor
- Annealing of Wires (Optional)
- Separator Film / Tape (Optional)
- EPDM
- Inner Sheath
- Galvanized Steel Wire Shielding
- CSP Outer Sheath

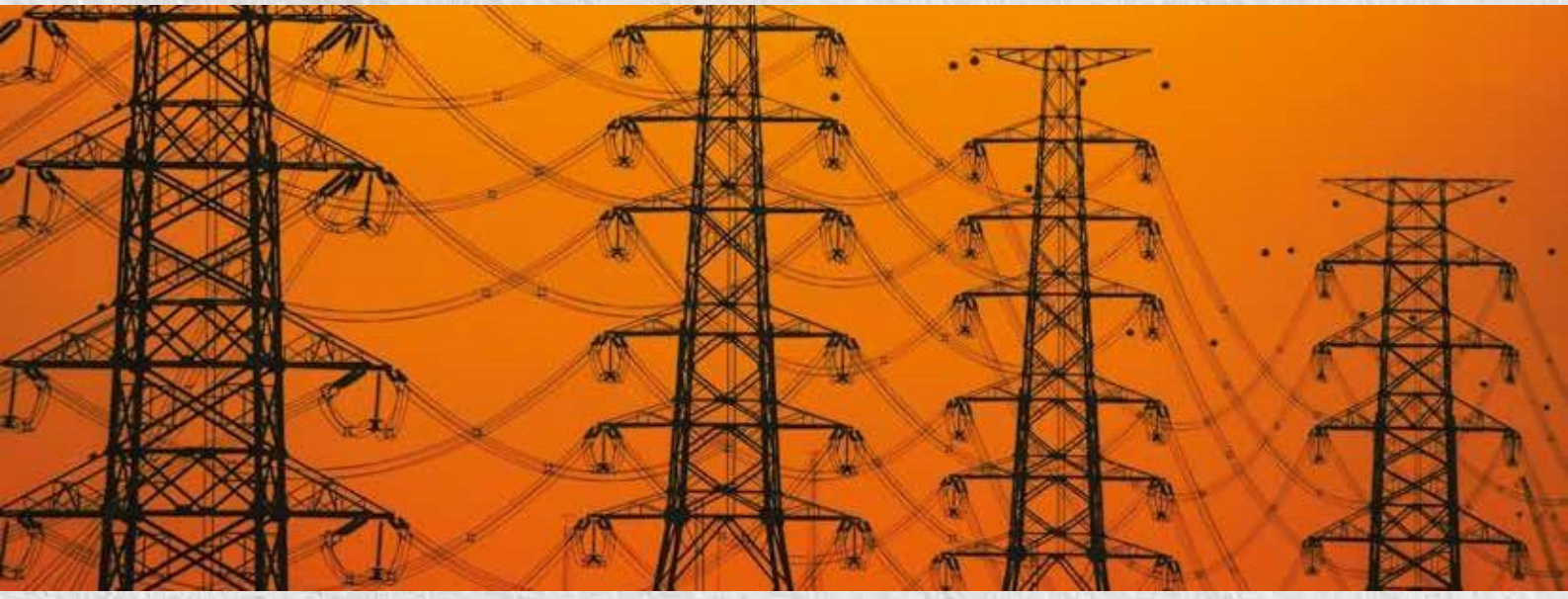
Multi Core Cable

Construction

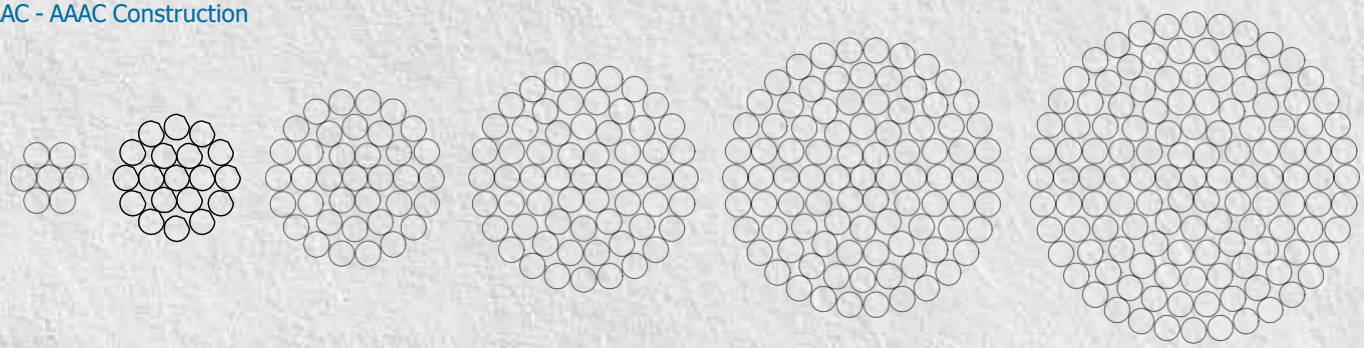
- Finely Stranded Aluminium Conductor
- Annealing of Wires (Optional)
- Separator Film / Tape (Optional)
- Specially Formulated Insulation
- Specially Formulated Sheath

MASAYA®

ALUMINIUM OVERHEAD CONDUCTORS

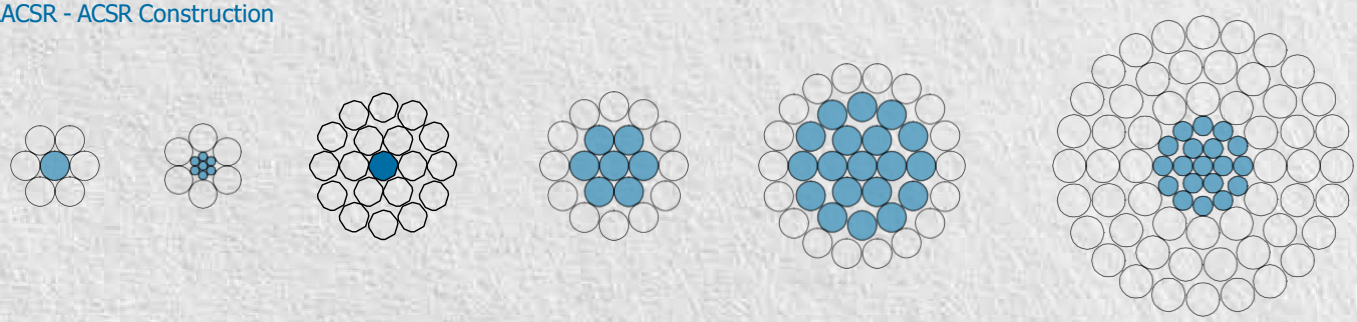


AAC - AAAC Construction



7 Wires | 19 Wires | 37 Wires | 61 Wires | 91 Wires | 127 Wires

AACSR - ACSR Construction



1 St + 6 Al | 7 St + 6 Al | 1 St + 18 Al | 7 St + 12 Al | 19 St + 18 Al | 19 St + 54 Al

AAC - A - AL

Construction

- Round, Stranded Aluminium Wires

AAAC - ALMELEC

Construction

- Round, Stranded AlMgSi Wires

AACSR

Construction

- Galvanized Steel Core
- Round, Stranded AlMgSi Wires

ACSR - AS - AC

Construction

- Galvanized Steel Core
- Round, Stranded Aluminium Wires

MASAYA®

ALUMINIUM BUILDING CABLES

"Today, Aluminum building wiring is safe and reliable"

The fact is that aluminum is just as safe and just as reliable as copper, and it actually provides certain advantages over copper. Since 1970s, with the development of improved Conductors and connectors, changes have made installing aluminum building wire as simple as installing copper.

During Connection, Please Consider

1. Interoperability of Accessories and Aluminium
2. Workmanship Quality
3. Physical Properties of Accessories
4. Thermal Expansion Differences
5. Creep and Voltage Drop Conditions
6. A Thin protective layer of Oxide layer on Aluminium is broken during termination process
7. Material Grade of Conductor
8. Proper tightening (torquing) is essential to achieve a reliable connection
9. All electrical connections should be periodically inspected
10. A compatible Oxide Inhibitor is recommended
11. Enviromental Conditions

During Connection, Please Avoid from

1. Undesirable Accessories
2. Poor Workmanship
3. Imprudent termination
4. Improper tightening torque
5. Rapid conductor deformation due to creep
6. Excessive mechanical load and connector degradation
7. Do not re-torque the terminations as part of routine maintenance, if not loose
8. Over tightening can lead to damaged conductors and connection points

Masayaholding.com

NAYIFY – APPV - CORDON

Construction

- Aluminium Wire
- PVC Insulation
- Color Strip

NAV

Construction

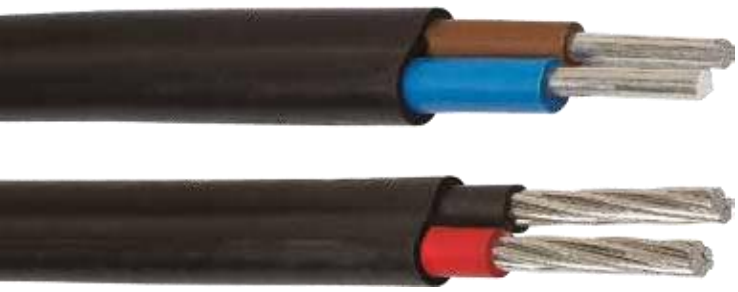
- Aluminium Conductor (RE-RM)
- HDPE or PVC Insulation

NAYM

Construction

- Aluminium Wire
- PVC Insulation
- Filler
- PVC Outer Sheath

NIAYY



Construction

- Aluminium Conductor (RE-RM)
- XLPE / HDPE / PVC Insulation
- PVC Outer Sheath

MASAYA®

CUSTOM DESIGN CABLES

"You Desire, We Design"

Sahra Kablo, having an extensive range of manufacturing capability based on decades of experience, specializes in the design and production of custom design cables.

- Custom Design Cables can be tailored to your specific requirements
- No two Customers' requirements are ever the same
- Custom Design Cables can be built to all manner of specifications
- We are applying our quality approach to cable manufacturing to produce a robust cable for the best possible cost
- We surely provide documentation of all the components including schematic drawings and data sheets provided to illustrate construction

MASAYA®

ALUMINIUM & COPPER POWER CABLES

Masayaholding.com

MASAYA®

YXV, Cu/XLPE/PVC (N2XY) 0.6/1 kV

Kod	: **YXV, Cu/XLPE/PVC (N2XY)**	**Code**	: **YXV, Cu/XLPE/PVC (N2XY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 7889	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 7889
Yapısı	: 1- Bir veya çok telli bakır iletken 2- XLPE izole, 3- PVC dışkılıf	**Construction**	: 1- Solid or stranded copper conductor 2- XLPE insulation, 3- PVC outer sheath
Kullanım Yeri	: Dielektrik kaybı düşük olan bu kablolar yerleşme ve endüstri bölgelerinde, hariçte, toprak altında ve kablo kanallarında ani yük değişimlerinin olduğu enerji tesislerinde kullanılır.	**Application**	: These cables have low dielectric loss. Installed mainly in residential or industrial areas. May be laid outdoors, underground or in ducts.
Teknik Veriler	: Maks. çalışma sıcaklığı 90 °C Maks. kısa devre sıcaklığı 250 °C	**Technical Data**	: Max. operating temperature 90 °C Short circuit temperature 250 °C

YXV, Cu/XLPE/PVC (N2XY) 0.6/1 kV

Kod	: **YXV, Cu/XLPE/PVC (N2XY)**	**Code**	: **YXV, Cu/XLPE/PVC (N2XY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502
Yapısı	: 1- Çok telli bakır iletken, 2- XLPE izole 3 PVC dolgu, 4- PVC dışkılıf	**Construction**	: 1- Stranded copper conductor, 2- XLPE insulation 3- PVC filler, 4- PVC outer sheath
Kullanım Yeri	: Dielektrik kaybı düşük olan bu kablolar yerleşme ve endüstri bölgelerinde, hariçte, toprak altında ve kablo kanallarında ani yük değişimlerinin olduğu enerji tesislerinde kullanılır.	**Application**	: These cables have low dielectric loss. Installed mainly in residential or industrial areas. May be laid outdoors, underground or in ducts.
Teknik Veriler	: Maks. çalışma sıcaklığı 90 °C Maks. kısa devre sıcaklığı 250 °C	**Technical Data**	: Max. operating temperature 90 °C Short circuit temperature 250 °C

YXC7V (N2XCY) 0.6/1 kV

Kod	: **YXC7V (N2XCY)**	**Code**	: **YXC7V (N2XCY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502
Yapısı	: 1- Bir veya çok telli bakır iletken, 2- XLPE izole, 3- PVC dolgu 4- Konsantrik iletken, 5- Tutucu bakır bant, 6- PVC dışkılıf	**Construction**	: 1- Solid or stranded copper conductor, 2- XLPE insulation 3- PVC filler, 4- Concentric copper wire 5- Copper tape as binder, 6- PVC outer sheath
Kullanım Yeri	: Çoğunlukta şehir şebekeleri, cadde aydınlatmaları, evirit batları ve benzeri maksatlar için tercihen toprak altında kullanılır. Kabloların herhangi bir darbeye maruz kalması halinde konsantrik iletken şebekeye bağlı şalter veya sigortayı açtırarak kablodaki enerjinin çevreye zarar vermesini önler.	**Application**	: In door installations, in cable ducts, outdoor and underground for power stations, industrial plants and switching stations as well as local supply system if increased protection is necessary.
Teknik Veriler	: Maks. çalışma sıcaklığı 90 °C Maks. kısa devre sıcaklığı 250 °C	**Technical Data**	: Max. operating temperature 90 °C Short circuit temperature 250 °C

YXZ3V Cu/XLPE/SWA/PVC (N2XFGbY) 0.6/1 kV

Kod	: **YXZ3V Cu/XLPE/SWA/PVC (N2XFGbY)**	**Code**	: **YXZ3V Cu/XLPE/SWA/PVC (N2XFGbY)**
Standartlar	: TS IEC 60502-1, VDE 0271, IEC 60502	**Standarts**	: TS IEC 60502-1, VDE 0271, IEC 60502
Yapısı	: 1- Çok telli bakır iletken, 2- XLPE izole, 3- PVC dolgu 4- Galvanizli yassı çelik tel zırh, 5- Galvanizli çelik bant, 6- PVC dışkılıf	**Construction**	: 1- Stranded copper conductor, 2- XLPE insulation 3- PVC filler, 4- Galvanized flat steel wire armour 5- Galvanized steel tape, 6- PVC outer sheath
Kullanım Yeri	: Mekanik zorlamalara dayanıklı ve dielektrik kaybı çok düşük olan bu kablolar yerleşme ve endüstri bölgelerinde, hariçte, toprak altında ve kablo kanallarında ani yük değişimlerinin olduğu enerji tesislerinde kullanılır.	**Application**	: These cables with low dielectric loss coupled with mechanical resistance are mainly used in residential or industrial areas. Can be laid outdoors, underground and in areas where sudden mechanical pressure are expected.
Teknik Veriler	: Maks. çalışma sıcaklığı 90 °C Maks. kısa devre sıcaklığı 250 °C	**Technical Data**	: Max. operating temperature 90 °C Short circuit temperature 250 °C

MASAYA®

YVV, Cu/PVC/PVC (NYY) 0.6/1 kV

Kod	: **YVV, Cu/PVC/PVC (NYY)**	**Code**	: **YVV, Cu/PVC/PVC (NYY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 6346	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 6346
Yapısı	: 1- Bir veya çok telli bakır iletken 2- PVC izole, 3. PVC dış kılıf	**Construction**	: 1- Solid or stranded copper conductor 2- PVC insulation, 3- PVC outer sheath
Kullanım Yeri	: Şebeke, aydınlatma ve güç kablosu olarak kullanılan bu kablo, fazla mekanik zorlamaların olmadığı dahili, harici, toprak altında ve kablo kanalında kullanılır.	**Application**	: Used alighting and power cable. Installed in areas where severe mechanical damage is not expected. Can be laid in doors, out-doors, underground and in cable ducts.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

YVV, Cu/PVC/PVC (NYY) 0.6/1 kV

Kod	: **YVV, Cu/PVC/PVC (NYY)**	**Code**	: **YVV, Cu/PVC/PVC (NYY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 6346	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502, BS 6346
Yapısı	: 1- Çok telli bakır iletken, 2- PVC izole 3- PVC dolgu, 4- PVC dış kılıf	**Construction**	: 1- Stranded copper conductor, 2- PVC insulation 3- PVC filler, 4- PVC outer sheath
Kullanım Yeri	: Şebeke, aydınlatma ve güç kablosu olarak kullanılan bu kablo, fazla mekanik zorlamaların olmadığı dahili, harici, toprak altında ve kablo kanalında kullanılır.	**Application**	: Used as lighting and power cable. Installed in areas where severe mechanical damage is not expected. Can be laid in doors, out-doors, underground and in cable ducts.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

YVC7V (NYCY) 0.6/1 kV

Kod	: **YVC7V (NYCY)**	**Code**	: **YVC7V (NYCY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502
Yapısı	: 1- Bir veya çok telli bakır iletken, 2- PVC izole 3- PVC dolgu, 4- Konsantrik iletken, 5- Tutucu bakır bant, 6- PVC dış kılıf	**Construction**	: 1- Solid or stranded copper conductor, 2- PVC insulation 3- PVC filler, 4- Concentric copper wire 5- Copper tape as binder, 6- PVC outer sheath
Kullanım Yeri	: Endüstri, şalt, yer altı tesisleri ile şehir şebekelerinde kullanılır. Kablo üzerindeki konsantrik iletken, herhangi bir mekanik darbe sırasında şebekeye bağlı şalter veya sigortayı açtırarak kablodaki enerjinin çevreye zarar vermesini önler.	**Application**	: In door installations, in cable ducts, outdoor and underground for power stations, industrial plants and switching stations as well as local supply system if increased protection is necessary.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

YVZ3V Cu/PVC/SWA/PVC (NYFGbY) 0.6/1 kV

Kod	: **YVZ3V Cu/PVC/SWA/PVC (NYFGbY)**	**Code**	: **YVZ3V Cu/PVC/SWA/PVC (NYFGbY)**
Standartlar	: TS IEC 60502-1, VDE 0276, IEC 60502	**Standarts**	: TS IEC 60502-1, VDE 0276, IEC 60502
Yapısı	: 1- Çok telli bakır iletken, 2- PVC izole 3- PVC dolgu, 4- Galvanizli yassı çelik tel zırh, 5- Galvanizli çelik bant, 6- PVC dış kılıf	**Construction**	: 1- Stranded copper conductor, 2- PVC insulation, 3- PVC filler, 4- Galvanized flat steel wire armour, 5- Galvanized steel tape, 6- PVC outer sheath
Kullanım Yeri	: Mekanik zorlamalara dayanıklı ve eğirişletme şartlarına uygun olduğu için harici, dahili, toprak altında, kablo kanalında ve özel olarak imal edildiğinde tatlı ve tuzlu su içinde kullanılabilir.	**Application**	: Is most suitable in areas where mechanical damage is a possibility. Is laid outdoors, indoors underground and in ducts. Is requested can be produced to resist saline enviornment.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

MASAYA®

H07V-U (NYA) 450/750 V

Kod	: **H07V-U**	**Code**	: **H07V-U**
Standartlar	: TS 9758 HD 21.3 S3, VDE 0281-3, BS 6004	**Standarts**	: TS 9758 HD 21.3 S3, VDE 0281-3, BS 6004
Yapısı	: 1- Bakır iletken 2- PVC izole	**Construction**	: 1- Solid Copper Conductor 2- PVC insulation
Kullanım Yeri	: Kapalı veya kuru yerlerde, dağıtım panolarında, sabit tesislerde ve tesisatlarda boru içinde kullanılır.	**Application**	: Preferably for installation indoors, in cable ducts and in industrial plants or switching stations, underground installation.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

H05V-K (NYAF) 300/500 V

Kod	: **H05V-K**	**Code**	: **H05V-K**
Standartlar	: TS 9758 HD 21.3 S3, VD 0281-3, BS 6004	**Standarts**	: TS 9758 HD 21.3 S3, VD 0281-3, BS 6004
Yapısı	: 1- İnce çok telli bakır iletken 2- PVC izole	**Construction**	: 1- Flexible Copper Conductor 2- PVC Insulation
Kullanım Yeri	: Kapalı veya kuru yerlerde, dağıtım panolarında, sabit tesislerde ve tesisatlarda boru içinde kullanılır.	**Application**	: For protected installation in equipment and lighting fitting. Also for in conduit, on and under plaster.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

H03VV-F (TTR) 300/300 V

Kod	: **H03VV-F**	**Code**	: **H03VV-F**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6500	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6500
Yapısı	: 1- İnce çok telli bakır iletken 2 PVC izole 3 PVC dış kılıf	**Construction**	: 1- Flexible Copper Conductor 2 PVC insulation 3 PVC outer sheath
Kullanım Yeri	: Az mekanik zorlamalı kuru ve kurubetli yerlerde kullanılan ev gereçlerinde kullanılır.	**Application**	: For house hold appliances under medium mechanical stress-also in damp and wet areas.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

MASAYA®

H07V-R (NYA) 450/750 V

Kod	: **H07V-R**	**Code**	: **H07V-R**
Standartlar	: TS 9758, IEC 227, VDE 0281, BS 6004	**Standarts**	: TS 9758, IEC 227, VDE 0281, BS 6004
Yapısı	: 1- Çoklu bakır iletken 2- PVC izole	**Construction**	: 1- Stranded Copper Conductor 2- PVC Insulation
Kullanım Yeri	: Kapalı veya kuru yerlerde, dağıtım panolarında, sabit tesislerde ve tesisatlarda boru içinde kullanılır.	**Application**	: Preferably for installation indoors, in cable ducts and in industrial plants or switching stations, under ground installation.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

H07V-K (NYAF) 450/750 V

Kod	: **H07V-K**	**Code**	: **H07V-K**
Standartlar	: TS 9758, IEC 227, VDE 0281, BS 6004	**Standarts**	: TS 9758, IEC 227, VDE 0281, BS 6004
Yapısı	: 1- İnce çok telli bakır iletken 2- PVC izole	**Construction**	: 1- Flexible Copper Conductor 2- PVC Insulation
Kullanım Yeri	: Kapalı veya kuru yerlerde, dağıtım panolarında, sabit tesislerde ve tesisatlarda boru içinde kullanılır.	**Application**	: For protected installation in equipment and lighting fitting. Also for in conduit, on and under plaster.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

H05VV-F (TTR) 300/500 V

Kod	: **H05VV-F**	**Code**	: **H05VV-F**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6500	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6500
Yapısı	: 1- İnce çok telli bakır iletken 2 PVC izole 3PVC dolgu 4- PVC dış kılıf	**Construction**	: 1- Flexible Copper Conductor 2 PVC insulation 3 PVC Filling 4 PVC Outer Sheat
Kullanım Yeri	: Az mekanik zorlamalı kuru ve rutubetli yerlerde kullanılan ev gereçlerinde kullanılır.	**Application**	: For household appliances under medium mechanical stress-also in damp and wet areas
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

MASAYA®

H03VVH2-F 300 / 300 V

Kod	: **H03VVH2-F**	**Code**	: **H03VVH2-F**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6500	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6500
Yapısı	: 1- İnce çok telli bakır iletken 2 PVC izole 3 PVC dış kılıf	**Construction**	: 1- Flexible Copper Conductor 2 PVC insulation 3 PVC outer sheath
Kullanım Yeri	: Yassı olup az mekanik zorlamalı ve rutubetli yerlerde kullanılan ev gereçlerinde kullanılır.	**Application**	: In dry, damp and wet locations as flexible connecting cables for light mechanicalstresses. It is used for hand tools and house hold appliances with flat shape.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

H03VH-H 300 / 300 V

Kod	: **H03VH-H**	**Code**	: **H03VH-H**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6004	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6004
Yapısı	: 1- İnce çok telli bakır iletken 2- PVC izole	**Construction**	: 1- Flexible Copper Conductor 2- PVC insulation
Kullanım Yeri	: Yassı olup az mekanik zorlamalı ve rutubetli yerlerde kullanılan ev gereçlerinde kullanılır.	**Application**	: Suitable in dry locations for connections of portable electrical appliances submitted to weak strength.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

NYIFY-U 380 V

Kod	: **NYIFY-U**	**Code**	: **NYIFY-U**
Standartlar	: TS IEC 332-1 VDE 0250	**Standarts**	: TS IEC 332-1 VDE 0250
Yapısı	: 1- Bakır iletken 2 PVC izole 3 PVC dış kılıf	**Construction**	: 1- Solid or Stranded Copper Conductor 2 PVC insulation 3 PVC outer sheath
Kullanım Yeri	: Kablo perde aralıklı, çivi çakmayaelverişli olup, aydınlatma ve güç kablosu olarak kullanılır. Fazla mekanik zorlamaların olmadığı dahili, harici alanlarda kullanılır.	**Application**	: For power supply networks for light mechanical stress and it is suitable to nail with its pvc bridge between cores.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

MASAYA®

H05VVH2-F 300/500 V

Kod	: **H05VVH2-F**	**Code**	: **H05VVH2-F**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6500	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6500
Yapısı	: 1- İnce çok telli bakır iletken 2 PVC izole 3 PVC dış kılıf	**Construction**	: 1- Flexible Copper Conductor 2 PVC insulation 3 PVC outer sheath
Kullanım Yeri	: Yassı olup az mekanik zorlamalı ve direkt ısıya teması olmaksızın yüksek sıcaklık gerektiren yerlerde kullanılır.	**Application**	: In dry, damp and wet locations as flexible connecting cables for light mechanical stresses. It is used for hand tools and house hold appliances with flat shape.
Teknik Veriler	: Maks. çalışma sıcaklığı 90 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 90 °C Short circuit temperature 160 °C

H05VH-H 300/500 V

Kod	: **H05VH-H**	**Code**	: **H05VH-H**
Standartlar	: TS 9760, IEC 227, VDE 0281, BS 6004	**Standarts**	: TS 9760, IEC 227, VDE 0281, BS 6004
Yapısı	: 1- İnce çok telli bakır iletken 2- PVC izole	**Construction**	: 1- Flexible Copper Conductor 2- PVC insulation
Kullanım Yeri	: Yassı olup, az mekanik zorlamalı ve kuru yerlerde kullanılan hareketli cihazlarda kullanılır.	**Application**	: Suitable in dry locations for connections of portable electrical appliances submitted to weak strength.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

NYIFY-F 380 V

Kod	: **NYIFY-F**	**Code**	: **NYIFY-F**
Standartlar	: TS IEC 332-1 VDE 0250	**Standarts**	: TS IEC 332-1 VDE 0250
Yapısı	: 1- İnce çok telli bakır iletken 2 PVC izole 3 PVC dış kılıf	**Construction**	: 1- Flexible Copper Conductor 2 PVC insulation 3 PVC Filling 4 PVC outer sheath
Kullanım Yeri	: Kablo perde aralıklı, çivi çakmaya elverişli olup, şebeke, aydınlatma ve güç kablosu olarak kullanılır. Fazla mekanik zorlamaların olmadığı dahili, harici alanlarda kullanılır.	**Application**	: For power supply networks for light mechanical stress and it is suitable to nail with its pvc bridge between cores.
Teknik Veriler	: Maks. çalışma sıcaklığı 70 °C Maks. kısa devre sıcaklığı 160 °C	**Technical Data**	: Max. operating temperature 70 °C Short circuit temperature 160 °C

MASAYA HOLDING

Golden Business

Contactez-nous

+90 541 667 51 31 / +225 07 16 27 81 31

info@masayaholding.com

masayaholding.com

Abidjan, Cocody, Riviera Akouédo-ancien

Tik Tok

@masayaholding