








BARE AND INSULATED OVERHEAD CONDUCTORS



	Designation	Standard	Nominal voltage [V]	Number of cores	Cross sections [mm ²]	Application
PVC COVERED OVERHEAD CONDUCTORS						
	PVC-covered stranded hard drawn copper conductors Type 8, Type 16	BS 6485: 1999	650	1	14÷100	PVC-covered conductors for overhead transmission lines. Also suitable for other purposes, but they should be used only in appropriate situations and with due regard to any relevant safety regulations. Type 8 is suitable for: 1400 crossing of telecommunication lines to guard against contact; 1400 proximities to telecommunication lines to guard against contact; 1400 lines (particularly service lines) accessible from buildings. Type 16 is suitable for crossings of telecommunication lines and proximities to them.
	PVC-covered aluminium stranded conductors Type 8	BS 6485: 1999	650	1	22÷200	
	PVC-covered aluminium conductors, steel reinforced Type 16	BS 6485: 1999	650	1	25÷200	
XLPE COVERED OVERHEAD CONDUCTORS						
	BLX	SS 424 14 63	24 kV	1	50÷185	Overhead single core cables with aluminium alloy conductor and XLPE insulation, for overhead power transmission lines up to 24 kV.
	PAS	ZN-96/MD-13-K1 204 SFS 5791	24 kV	1	50÷150	Overhead single core cables with aluminium alloy conductor and XLPE insulation, for overhead power transmission lines up to 24 kV.
AERIAL BUNDLED CONDUCTORS						
	EX	NEN 73.77	600/1000	2÷4	25÷95	Overhead selfsupporting cables with aluminium conductors and thermoplastic polyethylene insulation, for overhead power transmission lines 220/380 V.
	ABC AXKA	BS 7870-5: 1999 HD 626 S1: 1996 A2: 2002 Part 6- sec. D	600/1000	2÷4	25÷120	Overhead selfsupporting cables with aluminium conductors and XLPE insulation, for overhead power transmission lines 220/380 V.
	XOO-A XOO/O-A	JUS N.C5.250	600/1000	2÷6	16÷120	Overhead selfsupporting cables with aluminium phases conductors and aluminium alloy neutral conductor, XLPE insulation, for overhead power transmission lines 220/380 V.
	AMKA	SFS 2200	600/1000	2÷5	16÷120	Overhead selfsupporting cables with aluminium phases conductors and aluminium alloy neutral conductor, thermoplastic polyethylene insulation, for overhead power transmission lines 220/380 V.
	NFA2X	DIN VDE 0276-626/A1 HD 621 S1 Part 1,2,4F-1 AS/NZS 5000,1:2003	600/1000	1,4 4+1 4+2	25÷70 70+35 70+35	XLPE insulated aluminium conductors for overhead transmission lines.
	1-AES AsXS AsXSn	HD 6261.S1: 1996/ A1:1997 (CSIV 34 7614-1) WT-92/K-396 ZN-94/MP-13-K2 108	600/1000	1 2 4 4+1 4+2	25÷70 16+35 16+120 35+120 +25+35 50÷120 +25+35	XLPE insulated aluminium conductors for overhead transmission lines.

	Designation	Standard	Dimensions [mm]	Delivery	Application
COPPER AND COPPER ALLOY GROOVED CONTACT WIRES					
	Round contact wires	DIN 43141/2-Ru GOST 2584	30÷100	Wooden drums 1400 kg	For overhead networks
	Grooved contact wire	EN 50149 DIN 43141/1-Ri DIN 43141/1-RiS BS 23 ASTM B-47 UIC 870 GOST 2584	80÷150	Wooden drums 1400 or 2000 kg	For overhead networks
BARE CONDUCTORS FOR OVERHEAD POWER TRANSMISSION					
	Copper stranded conductors	DIN 48201/1 BS 7884 GOST 839 ASTM B-8	10÷500	Wooden drums	Copper stranded conductor for overhead power transmission.
	AAC	EN 50182 DIN 48201/5 BS 215/1 GOST 839 IEC 61089 ASTM B-231	10÷1000	Wooden drums	All aluminium conductor for overhead power transmission.
	AAAC AAL	EN 50182 DIN 48201/6 IEC 61089 ASTM B-399 ZN-KFK-021:2000	16÷1000	Wooden drums	All aluminium alloy conductor for overhead power transmission.
	ACSR AFL	EN 50182 DIN 48204 BS 215/2 IEC 61089 GOST 839 ASTM B-232 ZN-96/MP-13-K12 208.02	16÷1100	Wooden drums	Aluminium conductors steel-reinforced for overhead power transmission.
	AACSR	EN 50182 DIN 48206	16÷1100	Wooden drums	Aluminium alloy conductors steel-reinforced for overhead power transmission.