8.7/15 kV

XLPE INSULATED SINGLE CORE MEDIUM VOLTAGE POWER CABLES VOLTAGE POWER CABLES

YXC7V(TSE) •N2XSY(VDE) 2XSY(IEC) Cu/XLPE/CWS/PVC(BS)

Code	YXC7V-R (TSE), N2XSY(VDE), 2XSY(IEC), Cu/XLPE/SC/PVC (BS)
Standarts	TS IEC 60502-2, VDE 0276
Construction	Copper conductor,inner semiconductive layer,XLPE insulation,Outer semiconductive layer,semiconductive tape,copper wires screen,copper tape,Polyester tape,PVC outer sheath
Application	Where there is mechanical heavy duties,underground,cable ducts, power distribution cabinets,city network,industrial builts
Technical Datas	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	750	1000	140	0,727	0,79	0,47	0,16	182	150	196	163
1x35/16 rm	26,0	850	1000	140	0,524	0,75	0,44	0,18	200	190	238	198
1x50/16 rm	27,0	950	1000	160	0,387	0,73	0,43	0,19	240	225	286	238
1x70/16 rm	29,0	1200	1000	160	0,268	0,70	0,40	0,22	300	275	356	296
1x95/16 rm	31,0	1500	1000	160	0,193	0,67	0,38	0,24	360	330	434	361
1x120/16 rm	32,0	1750	1000	160	0,153	0,65	0,37	0,27	420	375	500	417
1x150/25 rm	33,0	2200	1000	180	0,124	0,63	0,35	0,29	475	420	559	473
1x185/25 rm	35,0	2500	1000	180	0,0991	0,61	0,34	0,31	542	470	637	543
1x240/25 rm	38,0	3100	1000	190	0,0754	0,59	0,33	0,34	590	550	745	641
1x300/25 rm	40,0	3750	1000	200	0,0601	0,57	0,32	0,38	620	586	846	735
1x400/35 rm	44,0	4700	1000	210	0,0470	0,55	0,31	0,41	670	660	938	845
1x500/35 rm	47,0	5750	500	180	0,0366	0,53	0,30	0,46	770	760	1040	921
1x630/35 rm	52,0	7300	500	180	0,0283	0,51	0,29	0,53	850	840	1120	1040

rm:Stranded conductor