20,3/35 kV

XLPE INSULATED WITH ALUMINUM CONDUCTOR, SINGLE CORE MEDIUM VOLTAGE POWER CABLES

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

Code	YAXC7V-R (TSE), NA2XSY(VDE), 2AXSY(IEC), Al/XLPE/SC/PVC (BS)
Standards	TS IEC 60502-2, TSE K 204, Technical Specs, VDE 0276
Construction	Aluminum Conductor, Inner semi-conductor, XLPE insulation, Outer Semi-Conductor, Semi-Conductor Tape, Copper Shield, Copper Helix Tape, Polyester Tape, PVC Outer Sheath
Applications	Used in Under heavy operating conditions, Underground, Power centers, Switchgear, City networks, Industrial facilities, Underground and cable channel
Technical Data	Max. Operating Temp. 90°C Max. Short Circuit Temp. 250°C For Max. 5 Sec Min. Bending Radius 15*D D:Cable Overall Diameter(mm)

Dimensions and Weight					Electrical Informations							
Nominal Cross Section	Overall Diameter	Net Weight	Standard Delivery Length	Standard Delivery Reel Size	Conductor DC (Max.) Resistance at 20°C	Inductance per conductor (Appr.)		Operating Capacity (Appr.) at 20°C	Current Carrying Capacity In (Appr.)			
(mm^2)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)	(mH/km)		(µF/km)	Ground (A) at 20°C		Air (A) at 30°C	
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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

rm : Stranded Conductor