

6/10 kV

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



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

Code	YAXC7VY2V-R (TSE),NA2XSYR(AL)Y (VDE), Al/XLPE/SC/PVC/AWA/PVC (BS)
Standards	TS IEC 60502-2, VDE 0276
Construction	Aluminum Conductor, Inner semi-conductor, XLPE insulation, Outer Semi-Conductor, Semi-Conductor Tape, Copper Shield, Copper Helix Tape, Polyester Tape, PVC Separator Sheath, Aluminum Rounded Rod Shield, Helix 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.)			
						(mH/km)	(µF/km)		Ground (A) at 20°C		Air (A) at 30°C	
(mm ²)	(mm)	(kg/km)	(m)	(cm)	(ohm/km)			●●●	●●	(µF/km)	●●●	●●
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	1800	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

rm : Stranded Conductor