

0.6/1 (1.2) kV



Multicore Cables, with Stranded Aluminum Conductors, XLPE Insulated, Steel Wire Armored and PVC Sheathed

Description

- Multicore cables of stranded Aluminium conductors are insulated with XLPE compound, assembled together, armoured with Steel wire and covered with an overall jacket of PVC compound.
- Cables are produced according to IEC 60502 or BS 5467.

Application

- For outdoor Installation in damp wet locations where mechanical damages are expected to occur.

Product-Code	Nominal Cross Sectional Area mm ²	Max. Conductor Resistance		Current Rating			Approx. Overall Diameter mm	Approx Weight kg / km
		DC at 20 °C Ω/km	AC at 90 °C Ω/km	Laid direct in Ground A	Laid in Ducts A	Laid in Free Air A		
Two Core Cables								
A14X202HP	10 rm	3.0800	3.9500	56	47	60	18.0	610
A15X202HP	16 rm	1.9100	2.4500	73	57	79	20.0	735
A16X202HP	25 sm	1.2000	1.5400	96	74	101	24.1	1110
A17X202HP	35 sm	0.8680	1.1130	129	105	131	26.3	1300
Three Core Cables								
A14X203HP	10 rm	3.0800	3.9500	52	41	52	19.3	645
A15X203HP	16 rm	1.9100	2.4500	67	52	67	21.5	780
A16X203HP	25 sm	1.2000	1.5400	89	70	89	25.8	1170
A17X203HP	35 sm	0.8680	1.1130	120	95	115	28.2	1365
Four Core Cables								
A14X204HP	10 rm	3.0800	3.9500	52	41	52	20.6	750
A15X204HP	16 rm	1.9100	2.4500	67	52	67	24.2	1060
A16X204HP	25 sm	1.2000	1.5400	89	70	89	27.8	1370
A17X204HP	35 sm	0.8680	1.1130	120	95	115	30.7	1635
A18X204HP	50 sm	0.6410	0.8220	145	110	141	33.1	2330
A19X204HP	70 sm	0.4430	0.5690	175	140	173	39.2	2760
A20X204HP	95 sm	0.3200	0.4110	210	165	210	42.9	3340
A21X204HP	120 sm	0.2520	0.3250	235	190	241	48.4	4320
A22X204HP	150 sm	0.2060	0.2650	265	215	283	53.1	5080
A23X204HP	185 sm	0.1640	0.2120	290	240	320	57.9	5990
A24X204HP	240 sm	0.1250	0.1630	340	280	383	64.1	7220
A25X204HP	300 sm	0.1000	0.1310	390	325	451	69.7	8440

The above data is approximate and subjected to manufacturing tolerance.

rm: round stranded
sm: sector stranded

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Product-Code	Nominal Cross Sectional Area mm ²		Max. Conductor Resistance		Current Rating			Approx. Overall Diameter mm	Approx Weight kg / km
			DC at 20 °C Ω/km	AC at 90 °C Ω/km	Laid direct in Ground A	Laid in Ducts A	Laid in Free Air A		
Four Core Cables with Reduced Neutral									
A17X2R3HP	35 sm	16 rm	0.8680/1.9100	1.1130/2.4500	120	95	115	28.9	1490
A18X2R3HP	50 sm	25 sm	0.6410/1.2000	0.8220/1.5400	145	110	141	31.3	1870
A19X2R3HP	70 sm	35 sm	0.4430/0.8680	0.5690/1.1130	175	140	173	37.5	2600
A20X2R3HP	95 sm	50 sm	0.3200/0.6410	0.4110/0.8220	210	165	210	41.2	3090
A21X2R3HP	120 sm	70 sm	0.2530/0.4430	0.3250/0.5690	235	190	241	45.3	3690
A22X2R3HP	150 sm	70 sm	0.2060/0.4430	0.2650/0.5690	265	215	283	50.5	4700
A23X2R3HP	185 sm	95 sm	0.1640/0.3200	0.2120/0.4110	290	240	320	55.4	5550
A24X2R3HP	240 sm	120 sm	0.1250/0.2530	0.1630/0.3250	340	280	383	60.3	6560
A25X2R3HP	300 sm	150 sm	0.1000/0.2060	0.1310/0.2650	390	325	451	66.4	7820

The above data is approximate and subjected to manufacturing tolerance.

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