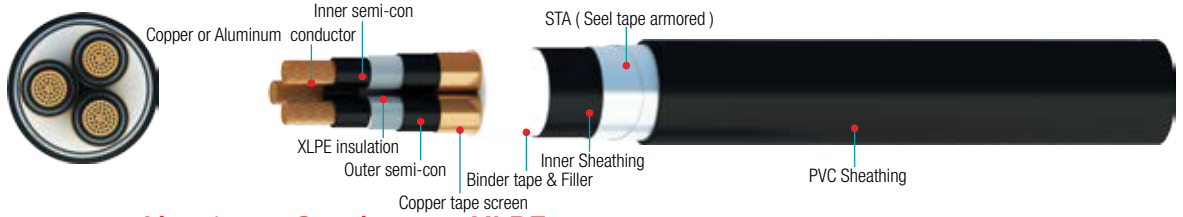


6/10 (12) kV



Three Cores Copper or Aluminum Conductors, XLPE Insulated, Steel Tape Armored and PVC Sheathed

Description

- Stranded circular compacted Copper or Aluminium conductor, semiconducting layer as conductor screen, XLPE insulated, semiconducting layer as non metallic insulation screen. Copper tape or wire as metallic insulation screen, three cores assembled together with non hygroscopic Polypropylene fillers, wrapped with binder tape, Covered with a layer of PVC compound as a bedding, steel tape armored and PVC sheathed..
- Cables are produced according to IEC 60502 or BS 6622.

Application

- These cables are generally suitable for direct burial or for installation on trays or in ducts.

Product-Code	Nominal Cross Sectional Area mm ²	Max. Conductor Resistance		Operating Capacitance μ f/km	Inductance mh/km	Current Rating		Approx. Overall Diameter mm	Approx Weight kg / km
		DC at 20 °C Ω/km	AC at 90 °C Ω/km			Laid in Ground A	Laid in Free Air A		
Three Cores Copper Conductor Cables									
C18X503IP	50	0.3870	0.4938	0.251	0.352	185	192	47.9	3625
C19X503IP	70	0.2680	0.3423	0.291	0.330	226	237	51.8	4470
C20X503IP	95	0.1930	0.2469	0.316	0.316	269	286	54.6	5305
C21X503IP	120	0.1530	0.1961	0.345	0.311	306	328	57.8	6205
C22X503IP	150	0.1240	0.1595	0.374	0.302	342	371	61.7	7290
C23X503IP	185	0.0991	0.1282	0.409	0.290	386	424	65.5	8595
C24X503IP	240	0.0754	0.0986	0.456	0.280	446	497	71.3	10595
C25X503IP	300	0.0601	0.0799	0.512	0.272	502	566	77.1	12835
Three Cores Aluminium Conductor Cables									
A18X503IP	50	0.6410	0.8220	0.251	0.351	144	149	47.3	2760
A19X503IP	70	0.4430	0.5683	0.291	0.330	176	184	51.1	3170
A20X503IP	95	0.3200	0.4107	0.316	0.316	209	222	54.6	3585
A21X503IP	120	0.2530	0.3250	0.345	0.309	238	255	57.8	3995
A22X503IP	150	0.2060	0.2649	0.374	0.302	266	288	61.7	4605
A23X503IP	185	0.1640	0.2114	0.409	0.290	301	331	65.5	5175
A24X503IP	240	0.1250	0.1618	0.456	0.280	349	389	71.1	6120
A25X503IP	300	0.1000	0.1302	0.512	0.271	394	444	76.5	7085

This data is applicable for 6.35 / 11 KV cables
The above data is approximate and subjected to manufacturing tolerance.

