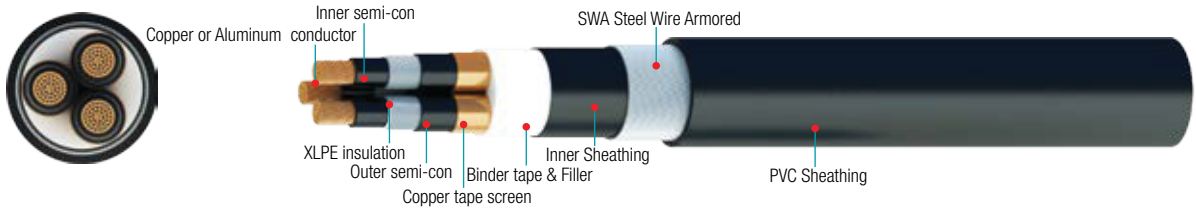


12/20
(24) kV



Three Cores Copper or Aluminum Conductors, XLPE Insulated, Steel Wire 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 a metallic insulation screen, three cores assembled together with non hygroscopic polypropylene fillers,warpped with binder tape, covered with a layer pf PVC compound as bedding, steel wire armoured 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	Max. Conductor Resistance		Operating Capacitance	Inductance	Current Rating		Approx. Overall Diameter	Approx Weight
		DC at 20 °C	AC at 90 °C			Laid in ground	Laid in Free Air		
	mm ²	Ω/km	Ω/km	µ/km	mh/km	A	A	mm	kg / km
Three Cores Copper Conductor Cables									
C18X703HP	50	0.3870	0.4938	0.177	0.394	187	195	60.8	6295
C19X703HP	70	0.2680	0.3423	0.202	0.370	227	241	64.9	7280
C20X703HP	95	0.1930	0.2469	0.217	0.357	269	289	67.9	8300
C21X703HP	120	0.1530	0.1961	0.236	0.345	305	331	73.2	10350
C22X703HP	150	0.1240	0.1595	0.254	0.336	340	372	76.8	11670
C23X703HP	185	0.0991	0.1282	0.276	0.321	381	423	80.5	13225
C24X703HP	240	0.0754	0.0986	0.305	0.308	436	494	86.3	15515
C25X703HP	300	0.0601	0.0799	0.340	0.299	485	556	92.5	18095
Three Cores Aluminium Conductor Cables									
A18X703HP	50	0.6410	0.8220	0.177	0.394	145	152	60.4	5270
A19X703HP	70	0.4430	0.5683	0.202	0.370	177	188	64.0	5820
A20X703HP	95	0.3200	0.4107	0.217	0.357	210	225	67.7	6460
A21X703HP	120	0.2530	0.3250	0.236	0.345	238	259	73.2	8045
A22X703HP	150	0.2060	0.2649	0.254	0.336	265	291	76.8	8815
A23X703HP	185	0.1640	0.2114	0.276	0.321	300	332	81.1	9675
A24X703HP	240	0.1250	0.1618	0.305	0.308	346	391	86.0	10775
A25X703HP	300	0.1000	0.1302	0.340	0.299	387	442	91.8	12050

This data is applicable for 12.7 / 22 KV cables
The above data is approximate and subjected to manufacturing tolerance.

