

**1 Core**  
Circular HD Copper, XLPE, FRPVC.

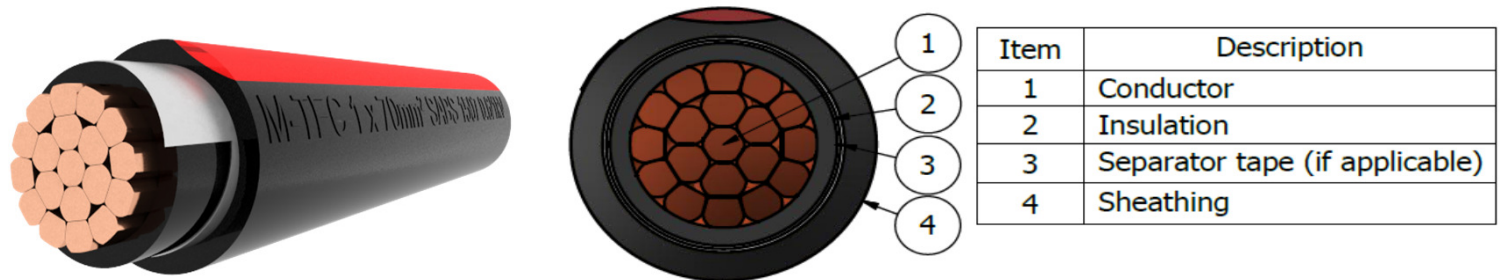
**Application:**  
For use in power circuits of 600/1 000V. Installed in cable trays and ducts.

**Voltage Rating:** 600 / 1 000V  
**Specification:** SANS 1507-4

**Construction:**  
1 Core, Hard drawn Copper stranded circular conductor, Cross-linked XLPE Insulated, Polyester Separating Tape, Flame Retardant PVC sheath.

**SIZE CODE** | LV / CPHX 1x(conductor size)FR 1kV

Conductor size	Conductor diameter	Insulation diameter	Cable diameter	Cable mass	Approximate Gross mass 1000m	Bending radius	Current rating		Resistance $\Omega$ /km max		Reactance $\Omega$ /km	Impedance $\Omega$ /km	Capacitance $\Omega$ /km	Short circuit Symmetrical kA (1sec)	Volt Drop	
							Trefoil		dc @ 20°C	ac @ 90°C					Single phase	3 Phase
mm <sup>2</sup> Nom	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg Nom.	mm Min.	A							mV/A/m		
							air	ducts								
16	5.2	6.5	9.9	0.22	282	149	105	90	1.19	1.51	0.107	1.516	0.581	2.15	3.03	2.63
35	7.6	9.4	12.7	0.44	557	191	165	139	0.54	0.69	0.098	0.696	0.670	4.72	1.39	1.21



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