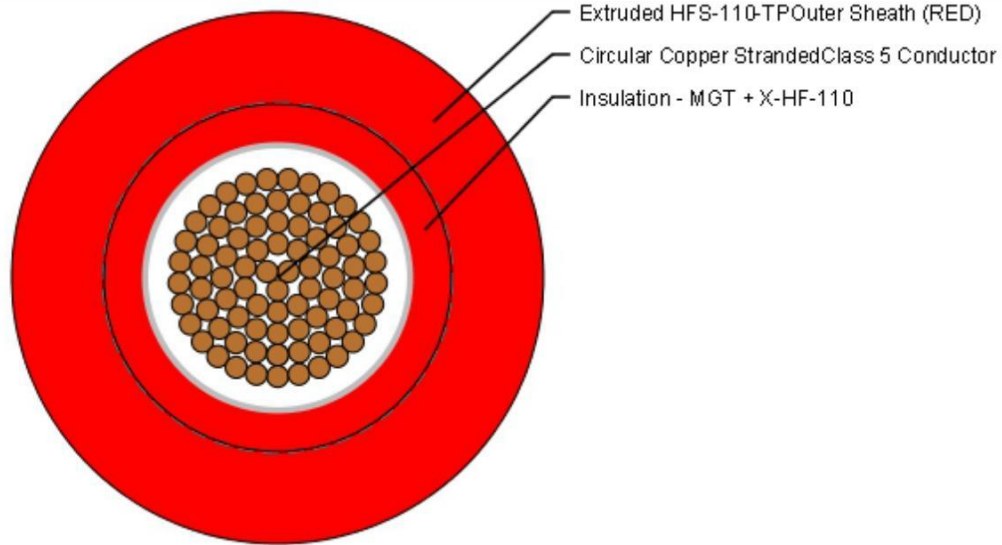


0.6/1kV 1CX10mm² CU C5MG/X-HF-110/HFS-110-TP RD

Ref:3518930_V0_A0



Product Standard	AS/NZS 5000.1	
Performance Standard(Flame / Fire - Test)	AS/NZS 3013	
Rated Voltage(Uo/U)	0.6/1	kV
1 Circular Stranded Copper Class 5 Conductor		
Number of Core(s)	1	Nos
Nominal cross-sectional area	10	mm ²
Approx. Diameter of Conductor	4.2	mm
2 Insulation - MGT + X-HF-110		
Color(s)	RED	
Nominal Thickness	0.7	mm
Approx. Diameter over Insulation	6.7	mm
3 Extruded HFS-110-TP Outer Sheath (RED)		
Nominal Thickness	1.4	mm
Approx. Diameter over outer sheath	10.2	mm
4 Approx. Weight of complete cable	188	kg/km
5 Electrical Parameters		
Max. DC Resistance of Conductor at 20°C	1.91	Ω/km
Approx. AC Resistance of Conductor at 110 °C	2.586	Ω/km
Approx. Capacitance	0.501	μF/km
Approx. Inductance	0.28	mH/km
6 Current Carrying Capacity based on the conditions specified		

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Installation Type (Single Circuit)	Trefoil Both ends bonded	
Ambient air temperature	30	°C
In air	81	Amps
7 Maximum conductor temperature for continuous operation / Short Circuit Operation	110/250	°C
8 Short Circuit Current carrying capacity, cable loaded as above prior to short circuit		
Conductor	1.32	kA/1 sec
9 Installation Parameters		
Maximum pulling force (For Conductor)	60	kgf
Minimum Bending Radius	82	mm

* Drawing not to Scale

* All dimensions and weight mentioned are approximate

* Refer "[Ducab Drum Handling,Storage and Installation Guide](#)" for more details on drum Handling.

* This TDS is Auto-Generated from Design Data Base,hence no signature is required.