



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)	4	Nos
Nominal cross-sectional area	0.75	mm ²
Approx. Diameter of Conductor	1.1	mm

2 Insulation - MGT + X-HF-110

Color(s)	RED, WHITE, BLUE, BLACK	
Nominal Thickness	0.7	mm
Approx. Diameter over Insulation	3.1	mm

3 4 Cores Laid (with non-hygroscopic fillers if deemed necessary)

Approx. Diameter over Laid Up	7.6	mm
-------------------------------	-----	----

4 Extruded HFS-110-TP Outer Sheath (RED)

Nominal Thickness	1.8	mm
Approx. Diameter over outer sheath	11.8	mm

5 Approx. Weight of complete cable

188 kg/km

6 Electrical Parameters

Max. DC Resistance of Conductor at 20°C	26	Ω/km
Approx. AC Resistance of Conductor at 110 °C	35.9	Ω/km

7 Maximum conductor temperature for continuous operation / 110/250

°C

Short Circuit Operation

8 Short Circuit Current carrying capacity, cable loaded as above prior to short circuit

Conductor	0.1	kA/1 sec
-----------	-----	----------

9 Installation Parameters

Maximum pulling force (For Conductor)	18	kgf
---------------------------------------	----	-----

Minimum Bending Radius**94****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.