



DATE: 10/04/2007
ORIGINATOR: A.J.R.
CHECKED:

SPECIFICATION DATA SHEET

<u>CABLE TYPE</u>	CARLISLE I.T. REFERENCE: HP20SC4 10KVDC
<u>GENERAL DESCRIPTION</u>	PTFE INSULATED EQUIPMENT WIRE TYPE "D". 0.60mm ² SPCW (AWG20) EXTRUDED PTFE
<u>RELEVANT STANDARDS</u>	TO INTERNAL C.I.T. SPECIFICATION GENERALLY BASED ON BS3G 210.

<u>COMPONENT</u>	<u>MATERIAL BREAKDOWN</u>	<u>DIAMETER (nom) mm</u>
Conductor	19/0.200mm SILVER PLATED COPPER WIRE	1.00
Dielectric	EXTRUDED PTFE OF 0.51mm NOMINAL R/T	2.03

Available in 11 basic colours Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White, Pink (plus natural) along with bi- and tri- colour combinations.

RoHS compliant

CABLE CHARACTERISTICS

VOLTAGE RATING:	10.0 KV DC
TEMPERATURE RATING:	-75°C to +200°C
CURRENT RATING:	11 A (Based on a conductor temperature rise of 40°C)
CONDUCTOR RESISTANCE:	32.50 Ω/KM MAXIMUM @ 20°C
WEIGHT:	11.92 KG KM NOMINAL
DIMENSIONS:	1.93mm MINIMUM, 2.13mm MAXIMUM
WALL THICKNESS:	0.51mm NOMINAL 0.46mm MINIMUM
BEND RADIUS:	10 x OVERALL DIAMETER
CONCENTRICITY:	70% MINIMUM

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