

550-001 120 OHM 2PR IND.SCRN

RAYDEX/CDT - SPECIFICATION DATA SHEET

CABLE TYPE RD8392

GENERAL DESCRIPTION 2 PAIR CABLE: 0.50MM TACW CONDUCTOR, HDCPE INSULATION TWISTED PAIRS, PAIR POLYESTER TAPE BINDER, PAIR ALUM/POLY TAPE SCREEN WITH 0.50MM DRAIN WIRE, OVERALL POLYESTER TAPE BINDER, OVERALL PVC SHEATH.

RELEVANT STANDARDS TO INTERNAL RAYDEX/ CTD SPECIFICATIONS

<u>COMPONENT</u>	<u>MATERIAL BREAKDOWN</u>	<u>DIAMETER</u>
<i>050/13 OHDCPE SCN twins Items 1 and 2</i>		
Inner conductor	0.50mm tinned annealed copper wire, solid	0.50 mm
Insulation	HDCPE	1.30mm
Twisted Pairs	2 cores twisted together	2.60 mm
Colours	White/Blue & Blue/White White/Orange & Orange/White	
Pair Binder	Pairs wrapped with a 23-m polyester tape	2.70 mm
Pair Screen	Bound pairs wrapped with a 23-m Alum/Poly tape 0.50mm TACW drain wire incorporated under tape.	2.80 mm
<i>Final Cable</i>		
Lay up	2 pairs cabled together	5.60 mm
Binder	Cabled pairs wrapped with a 23-m polyester tape	5.70 mm
Jacket	PVC Sheath Ripcord incorporated undersheath to facilitate removal	7.10± 0.20mm
<u>WEIGHT</u>	38 kg/km (nominal)	

ELECTRICAL PARAMETERS

Impedance 120 Ohms Nominal @ 1-10 Mhz
D.C Resistance 95 Ohms/km Nominal @ 200C

Data sheet compiled by: Mark Heslop
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