

## 550-001 120 OHM 2PR IND.SCRN

### RAYDEX/CDT - SPECIFICATION DATA SHEET

<u>CABLE TYPE</u>	RD8392		
<u>GENERAL DESCRIPTION</u>	2 PAIR CABLE: 0.50MM TACW CONDUCTOR, HDPE INSULATION TWISTED PAIRS, PAIR POLYESTER TAPE BINDER, PAIR ALUM/POLY TAPE SCREEN WITH 0.50MM DRAIN WIRE, OVERALL POLYESTER TAPE BINDER, OVERALL PVC SHEATH.		
<u>RELEVANT STANDARDS</u>	TO INTERNAL RAYDEX/ CTD SPECIFICATIONS		
<u>COMPONENT 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	HDPE	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	
<u>Final Cable Lay up</u>	2 pairs cabled together	5.60 mm	
Binder	Cabled pairs wrapped with a 23-m polyester tape	5.70 mm	
Jacket	PVC Sheath	7.10±0.20mm	
	Ripcord incorporated undersheath to facilitate removal		
<u>WEIGHT</u>	38 kg/km (nominal)		
<u>ELECTRICAL PARAMETERS</u>			
Impedance	120 Ohms Nominal @ 1-10 Mhz		
D.C Resistance	95 Ohms/km Nominal @ 200C		

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