

Product Construction: 6 Conductor Cable Shielded and Jacketed	Re drawn 27/6/01	Product Description <b>EPD 91387</b>	Issue A <span style="border: 1px solid black; padding: 0 5px;">1</span> S' sedes
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Designer <b>Jackie Schofield</b>	Date 05/01/1999	Product Manager <b>Dave Gardner</b>	Date 14/05/1999	Page 1 of 2
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	<p>Controlled Customer Copy</p> <p>TRAXIS NETHERLANDS</p> <p>Specifications</p> <p>Raychem WCD2015</p> <p><i>The copyright in this drawing is the property of Tyco Electronics UK Limited. The drawing is issued on condition it is not copied, reproduced or disclosed to a third party either in whole or in part without prior written consent of Tyco Electronics UK Limited.</i></p>
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Layer Type / Operation	Component Details <small>Part Numbers refer to issue in effect at date of issue of this EPD.</small>	Nominal O.D. mm
Components: Cable Cable Wire	1 of EPD91387A-02-1L/9 1 of EPD91387A-03-1L/9 2 of 100G0111-0.25-9 Numbers as above	
Cabling: Layer 1	1 of EPD91387A-02 1 of EPD91387A-03 2 of 100G0111-0.25	5.6 <span style="border: 1px solid black; padding: 0 5px;">1</span>
Shield: Braid	Tin Plated Copper	6.2
Jacket: Extrusion 1	Zerohal* - Black. Marked 'LFH-XXX-X (2x0.25+2x(2x0.25))-120ohm Raychem - Year of Manufacture'	7.7 ±0.3
Maximum Surface Transfer Impedance	Notes	Calculated nom. weight (Kg/Km)  70
* - Raychem Trademark		

**Lengths:** Unless otherwise specified on your order this cable may be supplied in the following maximum number of continuous lengths:

<u>Order Quantity (m)</u>	+ One other length
100	

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EPD 91387A

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EPD 91387A-01

Nom. O.D. mm

Conductor - Stranded	Tinned Copper 24 AWG (19/0.13mm)	0.60	
	Max d.c. Resistance @ 20C - 86 ohms/Km		
Dielectric - Extruded	Rayfoam XL Nom. Permittivity 1.6	1.35	1
	Tensile Strength (Batch) - 5.5N/ sq mm min		
	Elongation (Batch) - 50% min		

EPD 91387A-02

Components and Cabling	2 of EPD 91387A-01, Colours Tan & White	2.70
	Nom Lay length 32mm, left hand lay	
Tape - Wrap	Mylar - 30% nom. Overlap	2.80

EPD 91387A-03

Components and Cabling	2 of EPD 91387A-01, Colours Tan & White	2.70
	Nom Lay length 43mm, right hand lay	
Tape - Wrap	Mylar - 30% nom. Overlap	2.80

Electrical Properties of EPDs 91387A-02 and 91387A-03 (Measured in a completed cable - EPD 91387A)

Impedance	120 +/- 15 ohms, Method C (Batch)
Capacitance	50 pF/metre nom (Batch)
Velocity	77 % nom
Crosstalk between pairs	>55dB @ 0.75 to 3 Mhz (Typical calculated engineering data for a length less than 10 metres)
Voltage withstand	1000 volts min (100% test)
Insulation Resistance	3000 Megohm.Km min

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 CR01-TP-0065 refers to change 27/6/01. JS

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