

COAXIAL CABLE, 50 OHM

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The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of Raychem Specification 1200.

CONSTRUCTIONAL DETAILS		REQUIREMENTS	
All dimensions in mm		Characteristic Impedance	50 ±2 Ohms, (Method A)
		Capacitance	98 pF/m maximum
0.95 Min. 0.98 Nom. 1.01 Max	CONDUCTOR 19/32 AWG, Silver Plated Copper	Jacket Flaws Spark test:	3.5 kV HF (rms) 8.0 kV peak
2.70 Min. 2.90 Nom. 3.10 Max 4.82 Min. 5.08 Max.	DIELECTRIC	Voltage Withstand:	1000 Volts minimum
	Rayfoam® XL SHIELDS	Dielectric Concentricity:	80% minimum
		Shield Coverage:	90% minimum
		Weight:	38 kg/km nominal
		Jacket Specification:	WCD 2015
		Attenuation: (Maximum)	34.4 dB/100m @ 400 MHz 124.7 dB/100m @ 3000 MHz
	JACKET ├─ Zerohal [®] Colour - Black		
		ADDITIONAL	INFORMATION
		Continuous Working Voltage:	750 Volts rms maximum
		Operating Frequency:	3 GHz maximum
		Velocity of Propagation:	71% nominal
		Conductor Resistance:	30 Ohms/km nominal
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APPROVAL: Electronic sign off - no signatures will appear.