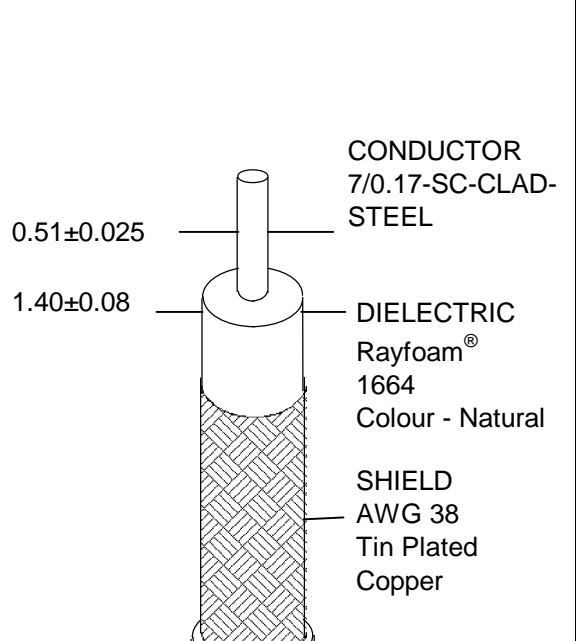


Specification Control Drawing

**COAXIAL CABLE, 50 OHM**

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		
 <p>0.51±0.025</p> <p>1.40±0.08</p> <p>CONDUCTOR 7/0.17-SC-CLAD-STEEL</p> <p>DIELECTRIC Rayfoam® 1664 Colour - Natural</p> <p>SHIELD AWG 38 Tin Plated Copper</p> <p>JACKET Zerohal® 1611 Colour - black</p> <p>2.5±0.1</p>	<p>Characteristic Impedance: 50±2 ohms, (Method A)</p> <p>Capacitance: 98 pF/m maximum</p> <p>Jacket Flaws Spark test: 8 kV peak</p> <p>Voltage Withstand: 1000 Volts minimum</p> <p>Dielectric Concentricity: 80% minimum</p> <p>Shield Coverage: 90% minimum</p> <p>Weight: 11 kg/km nominal</p> <p>Jacket Specification: WCD 2015</p>	
<b>ADDITIONAL INFORMATION</b>		
	<p>Continuous Working Voltage: 750 Volts rms maximum</p> <p>Operating Frequency: 2.7 GHz maximum</p> <p>Velocity of Propagation: 71% nominal</p> <p>Conductor Resistance: @ 20°C. 237 ohms/km nominal 276 ohms/km maximum</p>	
<small>'Zerohal' and 'Rayfoam' are registered trademarks of Tyco Electronics Corporation.</small>		

**APPROVAL:**

Electronic sign off - no signatures will appear.

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