



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 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>All dimensions in mm</p> <p>0.31 Min. 0.33 Max.</p> <p>CONDUCTOR 30AWG-7/38-SC- CLAD-STEEL</p> <p>0.69 Min. 0.82 Nom. 0.90 Max.</p> <p>DIELECTRIC Rayfoam® 1664</p> <p>SHIELD AWG 38 Tin Plated Copper</p> <p>1.70 Min. 1.90 Max.</p> <p>JACKET 1611 Zerohal® Colour - Black</p> | <p>Characteristic Impedance: 50 ±2 Ohms, (Method B)</p> <p>Capacitance: 98.0 pF/metre maximum</p> <p>Jacket Flaws Spark test: 2.1 kV HF (rms) 8.0 kV peak</p> <p>Voltage Withstand: 1000 Volts minimum</p> <p>Dielectric Concentricity: 80% minimum</p> <p>Shield Coverage: 90% minimum</p> <p>Weight: 6.00 kg/km nominal</p> <p>Jacket Specification: WCD 2015</p> |
| | ADDITIONAL INFORMATION |
| | <p>Continuous Working Voltage: 750 Volts rms maximum</p> <p>Operating Frequency: 3 GHz maximum</p> <p>Velocity of Propagation: 71% nominal</p> <p>Conductor Resistance: 802 Ohms/km maximum</p> |

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APPROVAL: Electronic sign off - no signatures will appear.