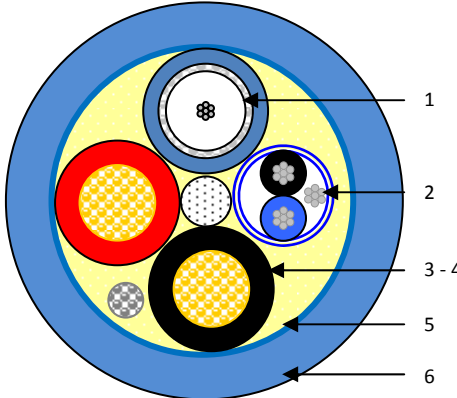


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A	PART NO: XX-8007			<table><tr><th>No</th><th>Details</th><th>Colr</th><th>Dia</th></tr><tr><td>1</td><td>1 Position Coaxial Cable RG179 Commercial Specification</td><td>BU</td><td>3.30</td></tr><tr><td>2</td><td>1 Position 0.22mm² Screened Pair 7/0.20mm Tinned Copper HDPE Insulated,1.20mm Diameter 7/0.20mm Tinned Copper Drain Wire 12/23µM Ali/Poly Helical Foil Screen 23µM Polyester Helical Isolation Tape</td><td>BK BU</td><td>2.50</td></tr><tr><td>3 4</td><td>2 position Power Cores 2.50sqmm (50/0.25mm) PSC HDPE insulated to 3.30mm</td><td>BK RD</td><td>3.30</td></tr><tr><td>5</td><td>Lay-Up Items 1 – 3 cabled together around central 1.30mm filler with 16/0.20mm Tinned Copper Drain Wire in one interstice. All voids filled with curable water blocking compound Overall 12/23µM Ali/poly Helical Foil Screen, Minimum 50% overlap.</td><td>N/A</td><td>8.00</td></tr><tr><td>6</td><td>Jacket Polyurethane 4350 1.25mm Nominal RTI 87 Shore A</td><td>BU</td><td>10.50 +/- 0.25</td></tr></table>		No	Details	Colr	Dia	1	1 Position Coaxial Cable RG179 Commercial Specification	BU	3.30	2	1 Position 0.22mm² Screened Pair 7/0.20mm Tinned Copper HDPE Insulated,1.20mm Diameter 7/0.20mm Tinned Copper Drain Wire 12/23µM Ali/Poly Helical Foil Screen 23µM Polyester Helical Isolation Tape	BK BU	2.50	3 4	2 position Power Cores 2.50sqmm (50/0.25mm) PSC HDPE insulated to 3.30mm	BK RD	3.30	5	Lay-Up Items 1 – 3 cabled together around central 1.30mm filler with 16/0.20mm Tinned Copper Drain Wire in one interstice. All voids filled with curable water blocking compound Overall 12/23µM Ali/poly Helical Foil Screen, Minimum 50% overlap.	N/A	8.00	6	Jacket Polyurethane 4350 1.25mm Nominal RTI 87 Shore A	BU	10.50 +/- 0.25	<table><tr><th colspan="2">Notes</th></tr><tr><td>Electrical Characteristics</td><td></td></tr><tr><td>Coaxial Cable</td><td></td></tr><tr><td>Nominal Impedance</td><td>75 Ω</td></tr><tr><td>Nominal Capacitance</td><td>69 pF/m</td></tr><tr><td>Maximum Inner Conductor Resistance</td><td>802 Ω/KM</td></tr><tr><td>0.22mm² Screened Twisted Pair</td><td></td></tr><tr><td>Maximum Conductor Resistance</td><td>97.0 Ω/KM @ 20°C</td></tr><tr><td>Minimum Insulation Resistance</td><td></td></tr><tr><td>Core – Core</td><td>>500 MΩ @ 500V</td></tr><tr><td>Core – Screen</td><td>>250 MΩ @ 500V</td></tr><tr><td>Screen – Screen</td><td>> 10 MΩ @ 500V</td></tr><tr><td>2.50 mm² Power Cores</td><td></td></tr><tr><td>Maximum Conductor Resistance</td><td>8.70 Ω/KM @ 20°C</td></tr><tr><td>Maximum Current / Conductor</td><td>27 Amps</td></tr><tr><td>Maximum Voltage Rating</td><td>1,500 Volts</td></tr><tr><td>Mechanical Characteristics</td><td></td></tr><tr><td>Maximum Operating Temp</td><td>+70°C</td></tr><tr><td>Cold Flex Temp</td><td>-40°C</td></tr><tr><td>Minimum Recommended Bend Radius</td><td>85mm</td></tr><tr><td>Calculated Weight in Air</td><td>145 KG/KM</td></tr><tr><td>Calculated Weight in Sea Water</td><td>57 KG/KM</td></tr></table>			Notes		Electrical Characteristics		Coaxial Cable		Nominal Impedance	75 Ω	Nominal Capacitance	69 pF/m	Maximum Inner Conductor Resistance	802 Ω/KM	0.22mm² Screened Twisted Pair		Maximum Conductor Resistance	97.0 Ω/KM @ 20°C	Minimum Insulation Resistance		Core – Core	>500 MΩ @ 500V	Core – Screen	>250 MΩ @ 500V	Screen – Screen	> 10 MΩ @ 500V	2.50 mm² Power Cores		Maximum Conductor Resistance	8.70 Ω/KM @ 20°C	Maximum Current / Conductor	27 Amps	Maximum Voltage Rating	1,500 Volts	Mechanical Characteristics		Maximum Operating Temp	+70°C	Cold Flex Temp	-40°C	Minimum Recommended Bend Radius	85mm	Calculated Weight in Air	145 KG/KM	Calculated Weight in Sea Water	57 KG/KM
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