


Model Number 038	POLYURETHANE LOW NOISE COAXIAL CABLE		Revision NR ECN #:						
Performance Number of Conductors Cable Style	ENGLISH 1 Coaxial - Low Noise	SI 1 Coaxial - Low Noise	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) Notes [1] Typical.						
Environmental Temperature Range	-58 to +250 °F	-50 to +121 °C							
Electrical Impedance Capacitance (±2 pF/ft) (conductor to shield / drain @ 70 °F (21 °C))	50 Ohm 30 pF/ft	50 Ohm 100 pF/m	[1]						
Physical Cable Jacket Diameter Cable Jacket Material Cable Jacket Color Protective Covering Diameter Protective Covering Conductor Style Conductor Material	0.079 in TFE PTFE Blue 0.119 in Polyurethane Solid Nickel Plated Copper Covered Steel	2.01 mm TFE PTFE Blue 3.02 mm Polyurethane Solid Nickel Plated Copper Covered Steel	[1] [1] [1]						
Conductor Diameter (29 AWG) Insulation Material Over Conductor(s) Shield Type Over Conductor(s)	0.011 in Extruded PTFE Braid: 90% Minimum Coverage	0.279 mm Extruded PTFE Braid: 90% Minimum Coverage	[1]						
Shield Material Over Conductor(s) Shield Wire Diameter Over Conductor(s) (Each Strand 38 AWG) Low Noise Barrier Material (Over Conductor) Low Noise Barrier Material (Over Insulator)	Nickel Plated Wire 0.063 in Liquid Graphite Graphite Impregnated PTFE Tape	Nickel Plated Wire 1.60 mm Liquid Graphite Graphite Impregnated PTFE Tape	[1]						
Bend Radius (minimum) Weight	1.25 in .15 oz/ft	30 mm 8.4 gm/m	[1]						
<p><i>All specifications are at room temperature unless otherwise specified.</i></p> <p>In the interest of constant product improvement, we reserve the right to change specifications without notice.</p> <p>ICP® is a registered trademark of PCB group, Inc.</p>									
Entered: LLH Date: 09/14/2005		Engineer: SW Date: 09/14/2005		Sales: JJB Date: 09/14/2005		Approved: LLH Date: 09/15/2005		Spec Number: 31677	
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