


Model Number 006	RUGGEDIZED- 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	-67 to +275 °F	-55 to +135 °C											
Electrical Impedance (±2 Ohm) Capacitance (±2 pF/ft) (conductor to conductor @ 70 °F (21 °C)) Noise Level (pk - pk)	50 Ohm 30 pF/ft ≤3 mV	50 Ohm 95 to 105 pF/m ≤3 mV											
Physical													
Cable Jacket Diameter	.079 in	2.00 mm	[1]										
Cable Jacket Material	TFE	TFE											
Cable Jacket Color	Blue	Blue											
Protective Covering Diameter	.20 in	5.08 mm	[1]										
Protective Covering	Shrink Tube Over Steel Braid	Shrink Tube Over Steel Braid											
Conductor Style	Solid	Solid											
Conductor Material	Nickel Plated Copper Covered Steel	Nickel Plated Copper Covered Steel											
Conductor Diameter (29 AWG)	.011 in	.279 mm	[1]										
Insulation Material Over Conductor(s)	Extruded TFE	Extruded TFE											
Shield Type Over Conductor(s)	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage											
Shield Material Over Conductor(s)	Nickel Plated Wire	Nickel Plated Wire											
Shield Wire Diameter Over Conductor(s) (Each Strand 38 AWG)	.063 in	1.60 mm	[1]										
Shield Type Over Bundle	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage											
Shield Material Over Bundle	Tin Plated Copper	Tin Plated Copper											
Shield Wire Diameter Over Bundle (Each Strand 36 AWG)	.10 in	2.54 mm	[1]										
Low Noise Barrier Material (Over Conductor)	Liquid Graphite	Liquid Graphite											
Low Noise Barrier Material (Over Insulator)	Graphite Impregnated PTFE Tape	Graphite Impregnated PTFE Tape											
Bend Radius (minimum)	2 in	50. mm											
Weight	.47 oz/ft	42.6 gm/m	[1]										
<table border="1" data-bbox="1125 1198 2011 1276"> <tr> <td data-bbox="1125 1198 1310 1219">Entered: BLB</td> <td data-bbox="1310 1198 1495 1219">Engineer: SW</td> <td data-bbox="1495 1198 1680 1219">Sales: JJB</td> <td data-bbox="1680 1198 1864 1219">Approved: BLB</td> <td data-bbox="1864 1198 2011 1219">Spec Number:</td> </tr> <tr> <td data-bbox="1125 1219 1310 1240">Date: 09/06/2005</td> <td data-bbox="1310 1219 1495 1240">Date: 09/06/2005</td> <td data-bbox="1495 1219 1680 1240">Date: 09/06/2005</td> <td data-bbox="1680 1219 1864 1240">Date: 09/06/2005</td> <td data-bbox="1864 1219 2011 1240">31608</td> </tr> </table>				Entered: BLB	Engineer: SW	Sales: JJB	Approved: BLB	Spec Number:	Date: 09/06/2005	Date: 09/06/2005	Date: 09/06/2005	Date: 09/06/2005	31608
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<p data-bbox="1570 1300 1801 1471">3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: info@pcb.com Web site: www.pcb.com</p>													
<p data-bbox="121 1344 1073 1442"><i>All specifications are at room temperature unless otherwise specified.</i> In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB group, Inc.</p>													

