


Model Number 098	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.)						
Environmental Temperature Range	-130 to +500 °F	-90 to +260 °C	Notes [1] Maximum. [2] Typical.						
Electrical Impedance (±2 Ohm) Resistance (conductor to conductor @ 70 °F (21 C)) Capacitance (±2 pF/ft) (conductor to conductor @ 70 °F (21 °C)) Insulation Resistance (@ 50 V @ 68 F) Noise Level (pk - pk)	50 Ohm 0.5 ohms/ft ≤35 pF/ft >1 Tohm ≤1.5 pC	50 Ohm 1.6 ohms/m ≤115 pF/m >1 Tohm ≤1.5 pC	[1]						
Physical Cable Jacket Diameter Cable Jacket Material Conductor Style Conductor Material Conductor Diameter (30 AWG) Insulation Material Over Conductor(s) Shield Type Over Conductor(s) Shield Material Over Conductor(s) Bend Radius (minimum) Weight	0.079 in TFE PTFE Stranded - 7 Strands 38 AWG Silver Plated Copper 0.012 in Extruded TFE PTFE Braid: 90% Minimum Coverage Silver Plated Wire 1 in 0.11 oz/ft	2.01 mm TFE PTFE Stranded - 7 Strands 38 AWG Silver Plated Copper 0.25 mm Extruded TFE PTFE Braid: 90% Minimum Coverage Silver Plated Wire 25.4 mm 10.23 gm/m	[2] [2]						
<p><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>									
Entered: BLB Date: 11/07/2006		Engineer: AJA Date: 11/08/2006		Sales: WDC Date: 11/09/2006		Approved: JJB Date: 11/22/2006		Spec Number: 34244	
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