


Model Number 003	STANDARD LOW NOISE COAXIAL CABLE			Revision: C ECN #: 47059
Performance	ENGLISH	SI	OPTIONAL VERSIONS	
Number of Conductors	1	1	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Cable Style	Coaxial - Low Noise	Coaxial - Low Noise		
Environmental			NOTES: [1] Typical.	
Temperature Range	-320 to +500 °F	-196 to +260 °C		
Pull Strength	75 lb	330 N [1]		
Electrical				
Impedance(± 2 Ohm)	50 Ohm	50 Ohm		
Capacitance(± 2 pF/ft)(conductor to conductor @ 70 °F (21 °C))	30 pF/ft	99 pF/m		
Insulation Resistance(@ 50 V @ 68 F)	>1 Tohm	>1 Tohm		
Noise Level(pk - pk)	≤ 3 mV	≤ 3 mV		
Physical				
Cable Jacket Diameter	.079 in	2.01 mm [1]		
Cable Jacket Material	TFE	TFE		
Cable Jacket Color	Blue	Blue		
Conductor Style	Solid	Solid		
Conductor Material	Nickel Plated Copper	Nickel Plated Copper		
Conductor Diameter(29 AWG)	Covered Steel .011 in	Covered Steel .279 mm		
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		
Low Noise Barrier Material(Over Conductor)	Liquid Graphite	Liquid Graphite	Entered: LK	Engineer: BAM
Low Noise Barrier Material(Over Insulator)	Graphite Impregnated PTFE Tape	Graphite Impregnated PTFE Tape	Date: 7/19/2017	Date: 7/19/2017
Bend Radius(minimum)	1 in	25.4 mm	Date: 7/19/2017	Date: 7/19/2017
Weight	.1 oz/ft	9.5 gm/m [1]	Spec Number:	31605
<i>All specifications are at room temperature unless otherwise specified.</i> <i>In the interest of constant product improvement, we reserve the right to change specifications without notice.</i> ICP® is a registered trademark of PCB Group, Inc.			 3425 Walden Avenue, Depew, NY 14043 Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com	