

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
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Model Number 003	STANDARD LOW NOISE COAXIAL CABLE	Revision: C ECN #: 47059

Performance	ENGLISH	SI	
Number of Conductors	1	1	
Cable Style	Coaxial - Low Noise	Coaxial - Low Noise	
Environmental			
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 Covered Steel	Nickel Plated Copper Covered Steel	
Conductor Diameter(29 AWG)	.011 in	.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	
Low Noise Barrier Material(Over Insulator)	Graphite Impregnated PTFE Tape	Graphite Impregnated PTFE Tape	
Bend Radius(minimum)	1 in	25.4 mm	
Weight	.1 oz/ft	9.5 gm/m	[1]

All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.

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OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1]Typical.

Entered: LK	Engineer: BAM	Sales: ML	Approved: BAM	Spec Number:
Date: 7/19/2017	Date: 7/19/2017	Date: 7/19/2017	Date: 7/19/2017	**31605**

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