

Model Number 096	4-CONDUCTOR LOW-NOISE TWISTED SHIELDED CABLE	Revision: NR ECN #: 46122
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	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Number of Conductors	4	4	
Cable Style	Multi Conductor - Shielded - Low Noise	Multi Conductor - Shielded - Low Noise	
Cable Configuration	Twisted Bundle	Twisted Bundle	
Environmental			
Temperature Range	-65 to +250 °F	-54 to +121 °C	
Electrical			
Resistance	0.424 ohms/ft	1.39 ohms/m	[1]
Capacitance(conductor to conductor @ 70 °F (21 °C))	17 pF/ft	56 pF/m	
Capacitance(conductor to shield / drain @ 70 °F (21 °C))	34 pF/ft	112 pF/m	
Physical			
Cable Jacket Diameter	0.068 in	1.73 mm	[1]
Cable Jacket Material	Silicone	Silicone	
Cable Jacket Color	Blue	Blue	
Conductor Style	Stranded - 7 Strands 44 AWG	Stranded - 7 Strands 44 AWG	
Conductor Material	Silver Plated Copper Alloy	Silver Plated Copper Alloy	
Conductor Diameter(36 AWG)	.006 in	0.152 mm	[1]
Insulation Material Over Conductor(s)	PFA	PFA	
Shield Type Over Conductor(s)	Braid: 85% Minimum Coverage	Braid: 85% Minimum Coverage	
Shield Material Over Conductor(s)	Silver Plated Copper	Silver Plated Copper	
Shield Wire Diameter Over Conductor(s)(Each Strand 44 AWG)	0.048 in	1.22 mm	[1]
Low Noise Barrier Material(Over Conductors & Shield)	Anti-Triboelectric Coating	Anti-Triboelectric Coating	
Bend Radius(minimum)	.68 in	17.3 mm	
Weight	0.055 oz/ft	5.13 gm/m	[1]
<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>			
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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.

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Entered: LK	Engineer: GD	Sales: RWM	Approved: BAM	Spec Number:
Date: 12/9/2016	Date: 12/9/2016	Date: 12/9/2016	Date: 12/9/2016	65983

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