


Model Number 078	4 CONDUCTOR SHIELDED POLYURETHANE CABLE		Revision: A ECN #: 46673	
Performance	ENGLISH	SI	OPTIONAL VERSIONS	
Number of Conductors	4	4	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	Multi Conductor - Shielded	Multi Conductor - Shielded		
Cable Configuration	Twisted Bundle	Twisted Bundle		
Environmental				
Temperature Range	-58 to +185 °F	-50 to +85 °C		
Electrical				
Capacitance(conductor to conductor @ 70 °F (21 °C))	14.0 pF/ft	47.0 pF/m		
Capacitance(conductor to shield / drain @ 70 °F (21 °C))	24.8 pF/ft	81.0 pF/m		
Voltage Rating(rms - maximum)	160 V	160 V		
Noise Level(pk - pk)	≤ 30 mV	≤ 30 mV		
Physical			NOTES:	
Cable Jacket Diameter	.119 in	3.02 mm	[1] Typical.	
Cable Jacket Material	Polyurethane	Polyurethane		
Conductor Style	Solid	Solid		
Conductor Material	Silver Plated Copper	Silver Plated Copper		
Conductor Diameter(34 AWG)	0.006 in	0.16 mm	[1]	
Insulation Material Over Conductor(s)	Extruded PTFE	Extruded PTFE		
Shield Type Over Conductor(s)	Braid: 90% Minimum Coverage	Braid: 90% Minimum Coverage		
Shield Material Over Conductor(s)	Silver Plated Wire	Silver Plated Wire		
Shield Wire Diameter Over Conductor(s)(Each Strand 40 AWG)	0.063 in	1.60 mm	[1]	
Bend Radius(minimum)	1.2 in	30.5 mm		
Weight	.224 oz/ft	20.834 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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Entered: LK	Engineer: BAM	Sales: ML	Approved: BAM	Spec Number:
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