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TECHNOLOGY GROUP

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Model Number **034**	**LIGHTWEIGHT SHIELDED FOUR CONDUCTOR CABLE**	Revision D ECN #: 30657

Performance	**ENGLISH**	**SI**	
Number of Conductors	4	4	
Cable Style	Multi Conductor - Shielded	Multi Conductor - Shielded	
Cable Configuration	Not Twisted	Not Twisted	
Environmental			
Temperature Range	-130 to +392 °F	-90 to +200 °C	
Pull Strength	20 lb	90 N	[1]
Electrical			
Capacitance (conductor to conductor @ 70 °F (21 °C))	14 pF/ft	46 pF/m	
Capacitance (conductor to shield / drain @ 70 °F (21 °C))	25 pF/ft	82 pF/m	
Voltage Rating (rms - maximum)	160 V	160 V	
Noise Level (pk - pk)	<30 mV	<30 mV	
Physical			
Cable Jacket Diameter	0.077 in	1.96 mm	[1]
Cable Jacket Material	FEP	FEP	
Cable Jacket Color	Blue	Blue	
Conductor Style	Solid	Solid	
Conductor Material	Silver Plated Copper	Silver Plated Copper	
Conductor Diameter (34 AWG)	.006 in	0.15 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]
Low Noise Barrier Material	Graphite Impregnated PTFE Tape	Graphite Impregnated PTFE Tape	
Bend Radius (minimum)	1 in	25.4 mm	
Weight	0.09 oz/ft	8.31 gm/m	[1]

Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.)

Notes

[1] Typical.

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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Entered: BLB	Engineer: MJN	Sales: JJM	Approved: BLB	Spec Number:
Date: 05/11/2009	Date: 05/11/2009	Date: 05/11/2009	Date: 05/11/2009	**31858**

PCB PIEZOTRONICS
ELECTRONICS DIVISION

3425 Walden Avenue
Depew, NY 14043
UNITED STATES
Phone: 800-828-8840
Fax: 716-684-0987
E-mail: info@pcb.com
Web site: www.pcb.com

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