


| Model Number 034 | LIGHTWEIGHT SHIELDED FOUR CONDUCTOR CABLE | | Revision D ECN #: 30657 |
|--|--|---|--|
| Performance | ENGLISH | SI | Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) |
| Number of Conductors | 4 | 4 | |
| Cable Style | Multi Conductor - Shielded | Multi Conductor - Shielded | |
| Cable Configuration | Not Twisted | Not Twisted | Notes |
| Environmental | | | [1] Typical. |
| 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] |
| <i>All specifications are at room temperature unless otherwise specified.</i> | | | |
| 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 |
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| | | | Spec Number: 31858 |
|  | | 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 | |