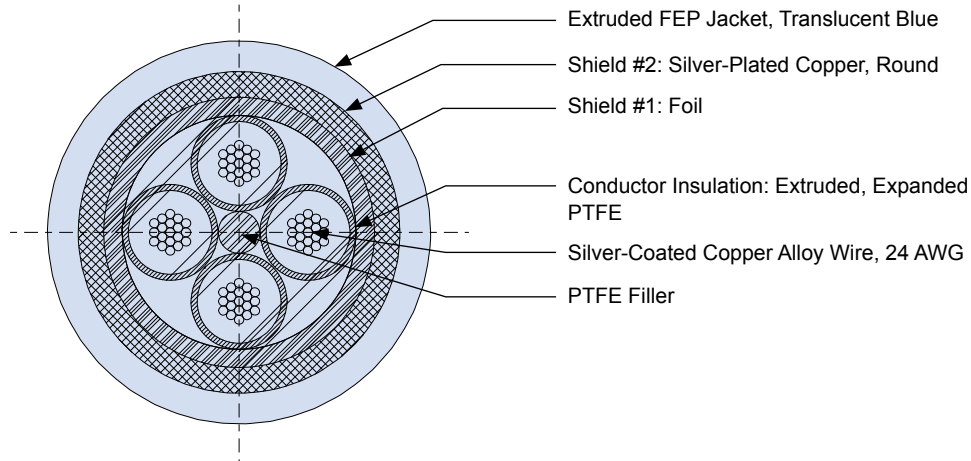


963-022
24 AWG Quadrax Cable, FEP Jacket, Without PTFE Binder
PIC E50424





963-022 100 OHM ETHERNET CABLE WITH 24 AWG CONDUCTORS, NO PTFE BINDER



| Physical Characteristics | |
|------------------------------|---|
| Conductors | 24 AWG Stranded, silver plated copper alloy |
| Shield Coverage | 100% (foil) 85% (braid) |
| Temperature Rating | -55° to +200°C |
| Outer Diameter (Inches) | 0.170 |
| Minimum Bend Radius (Inches) | 1.00 |
| Weight (Pounds/100 ft.) | 3.5 |
| Color Codes | red, blue, green, yellow |

| Electrical Performance | | | |
|------------------------------------|------------------------------|----------------------------------|-------------------------------------|
| Impedance (Ohms) | 100 | | |
| Capacitance (pF/ft.) | 13.0 | | |
| Velocity of Propagation | 69.5% | | |
| Dielectric Voltage Rating (KV RMS) | 1.5 | | |
| DC Resistance (Ohms/100ft) Max | 2.42 | | |
| | Attenuation (db/100 ft.) Max | Structural Return Loss (SRL) Min | Near-End Cross Talk (NEXT) (dB) Min |
| @ 10 MHz | -2.2 | -23.0 | -50.3 |
| @ 100 MHz | -7.5 | -16.0 | -35.3 |

| Compatible Contacts* | |
|---|---|
|  Size 8 Quadrax Pin 854-001-02 |  Size 8 Quadrax Socket 854-002-02 |

*IAW pending AS39029/119 and /120

Notes

Skydrol resistant, RoHS compliant, and passes FAA flammability requirements of FAR Part 23 and 25, Appendix F. Test results available upon request. Cable is sold in 1 foot increments.