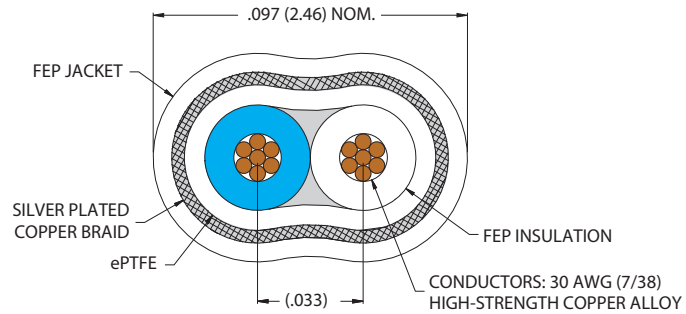


120 Ohm Twisted Pair, #30 AWG 963-164-30



2 GHz 100 Ohm
high-speed twisted
pair, #30 gauge

Glenair **963-164-30** 120 Ohm cable is designed for CAN bus protocol and supports high-speed data transmission up to 1 GHz. Its broad temperature range of -65°C to +200°C ensures reliable performance in demanding environments.



SPEEDLINE

963-164-30

- 120 Ohm #30 AWG 7/38 Silver-Plated Copper Alloy
- Performance up to 1000 MHz
- -65 to +200 °C rated operating temperature
- FEP jacket, FEP insulation

NOTES

- Cable identified with manufacturer's name and part number.
- Cable is sold in 1 foot increments. Specify desired length on purchase order.

| Cable Construction | |
|--------------------|--|
| Primary Conductor | 30 AWG 7/38 Silver-Plated High-Strength Copper Alloy |
| Primary Insulation | FEP (Color: White / Blue) |
| Binder | ePTFE |
| Braid | Silver Plated Copper, >95% Coverage |
| Jacket | FEP, White, Laser-Markable |

| Electrical Performance | |
|---------------------------------|---------------|
| Dielectric withstanding Voltage | 600V AC |
| Differential Impedance | 120 ± 12 Ohms |
| Insertion Loss | See Table 1 |

| Physical Properties | |
|---------------------|----------------|
| Bend Radius | 0.5" Min. |
| Weight | 2.9 g/FT, nom. |

| Environmental Properties | |
|--------------------------|----------------|
| Temperature Range | -65°C to 200°C |

| Table 1: Attenuation | | |
|----------------------|-----------------|-----------------|
| Frequency (MHz) | dB / ft Typical | dB / ft Maximum |
| 10 | .047 | .062 |
| 100 | .165 | .180 |
| 200 | .235 | .255 |
| 500 | .378 | .412 |
| 1000 | .545 | .594 |