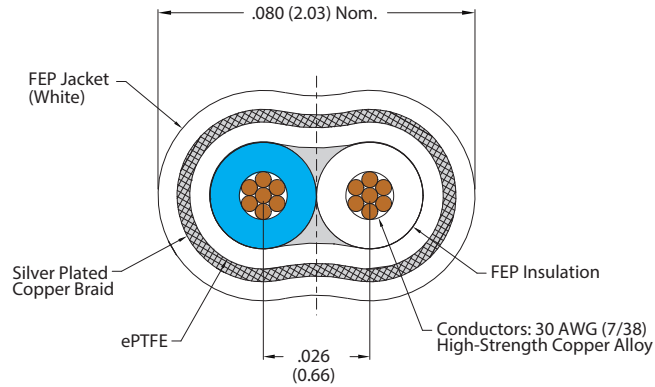


100 Ohm Twisted Pair, #30 AWG  
963-073-30



## 963-073-30

- 30 Awg 7/38 Silver Plated Wire
- -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 Wire
Primary Insulation	FEP (Solid White, Solid Blue)
Insulation	ePTFE
Braid	44 AWG Silver/Copper, >90% Coverage
Jacket	FEP, White, Laser-Markable

### Electrical Performance

Dielectric Withstanding Voltage	750 VAC
Differential Impedance	100 ± 10 Ohms
Insertion Loss	See Table 1
Return Loss	>18 dB to 10 GHz
Skew	3 ps / Ft Max.

### Physical Properties

Bend Radius	0.5" Min.
Weight	2.4 G / Ft, Nom.

### Environmental Properties

Temperature Range	-65°C to 200°C
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Table 1: Attenuation

Frequency (GHz)	dB / ft Typical	dB / ft Maximum
0.10	0.14	0.18
0.50	0.32	0.40
1.00	0.46	0.57
2.00	0.66	0.81