

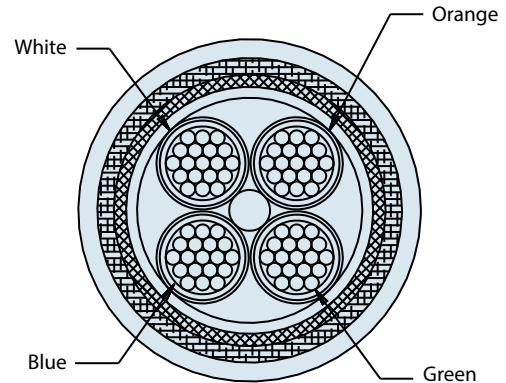


**963-006: 110 ohm quad cable with FEP, polyurethane or no jacket**

How To Order		
Sample Part Number	963-006	-2
Series	963-006 = USB 2.0 cable with FEP, polyurethane or no jacket	
Cable Jacket Material	1 - Less Jacket 2 - FEP (translucent blue) 3 - Polyurethane, zero halogen, Estane 58244 TPU or equivalent (black)	

Construction Details	
Conductors	24 AWG (19/36) silver plated copper alloy (.0235" OD)
Insulation	Foam FEP, .054" OD
Filler	FEP .022" nominal OD
Overall Binder	PTFE tape wrap
Overall Shield #1	40 AWG silver plated copper braid
Overall Shield #2	38 AWG silver plated copper braid
Jacket Diameter	.190" nominal, .200" max

Properties	
Impedance	110 Ohms ± 6 (measured differentially)
Attenuation (dB/100 ft)	10 MHz - 2.9
	100 MHz - 7.5
	500 MHz - 15.0
	1 GHz - 22.5
Skew	2.0 PS/ft typical, 3.5 PS/ft Max (within pair)
Velocity of Propagation	80% (nominal)
Capacitance	12.5 PF/ft nominal (between pairs, ground floating)
DWV	1500V RMS conductor/conductor
	1000V RMS conductor/shield
Temperature Rating	FEP: -65° to +200° C
	Polyurethane: -30° to +105° C
Weight	3.5 lbs/100 ft



**NOTES**

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

Dimensions in Inches (millimeters) are subject to change without notice.