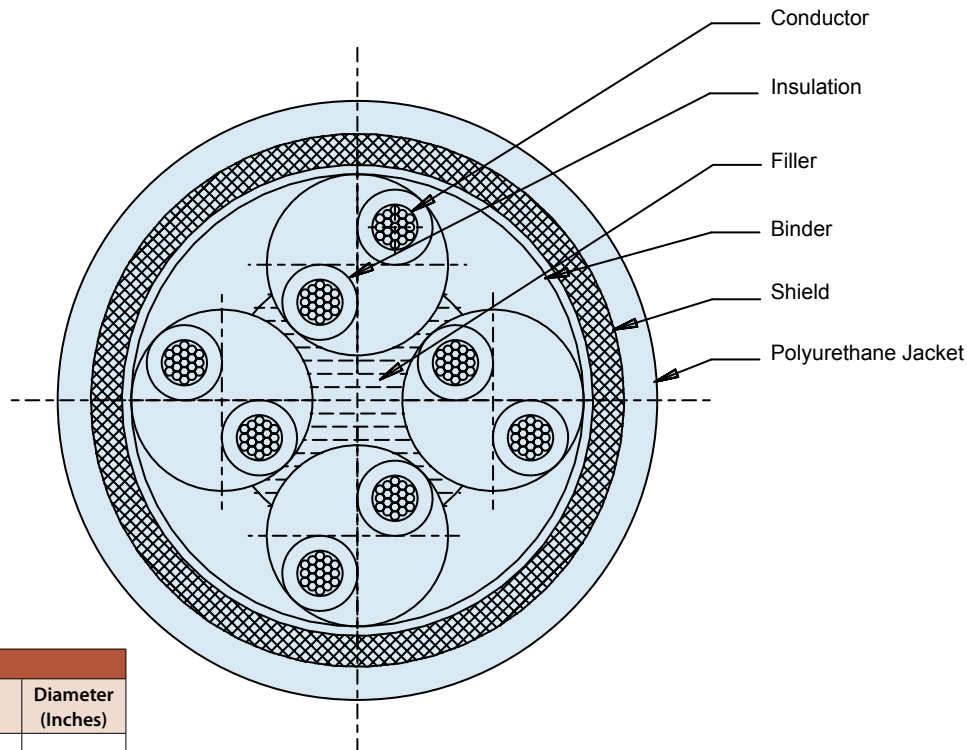


**963-002**  
**Tactical Cat 5e Ethernet Cable**



**963-002: 1000 BASE-T ETHERNET CABLE WITH POLYURETHANE JACKET**



Construction Details		
	Details	Diameter (Inches)
<b>Conductor</b>	24 AWG 19x36 silver plated copper alloy	.0235
<b>Insulation</b>	Fluoropolymer	.045
<b>Colors</b>	Pair #1 white/blue and blue	.235
	Pair #2 white/orange and orange	.300
	Pair #3 white/green and green	
	Pair #4 white/brown and brown	
Two insulated conductors twisted together (varied lays)		

Properties	
<b>Impedance</b>	100 Ohms ± 15% (1 to 100 MHz)
<b>Attenuation</b>	8.0 dB/100 ft @ 100 MHz
<b>NEXT</b>	35.3 dB @ 100MHz
<b>PSNEXT</b>	32.3 dB @ 100 MHz
<b>ELFEXT</b>	23.8 dB @ 100 MHz
<b>PSELFEXT</b>	20.8 dB @ 100 MHz
<b>Temperature Rating</b>	200° C
<b>Minimum Bend Radius</b>	1.25" (dynamic) 1.00" (static)
<b>Weight</b>	4.8 lbs/100 ft
<b>Max Cabling Distance</b>	80 meters (100BASE-T)

Final Assembly	
<b>Cable</b>	Four twisted pairs cabled around a center filler
<b>Binder</b>	Skive PTFE tape
<b>Shield 1</b>	Aluminum polyester
<b>Shield 2</b>	38 AWG silver plated copper braid 80% coverage
<b>Jacket</b>	Polyurethane (Estane 58244) Color: Black .030" minimum jacket wall

**Notes**

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

