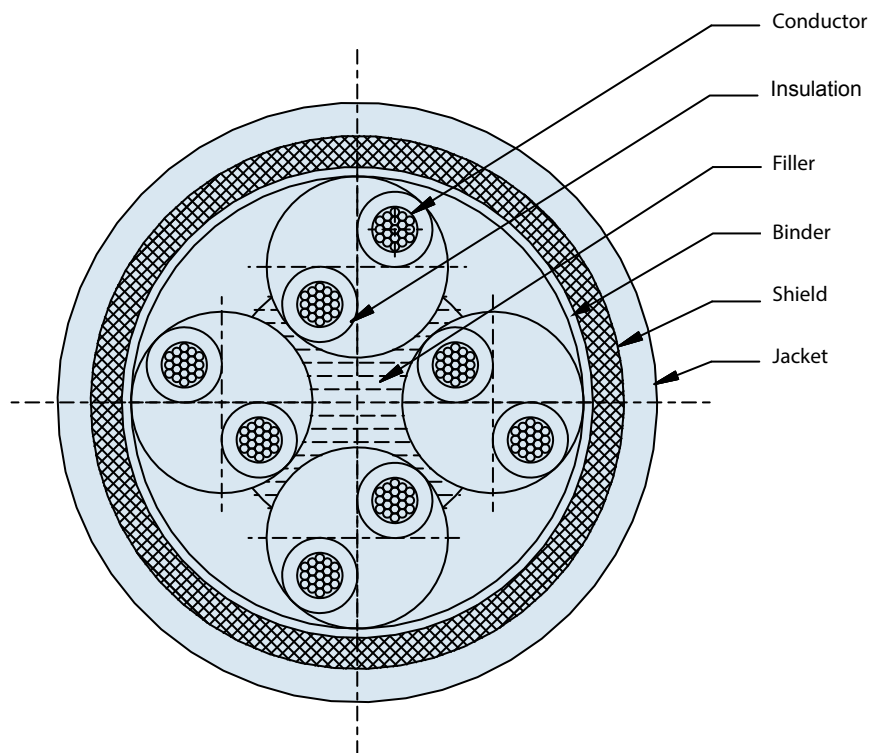


## Tactical Cat 5e Ethernet Cable

### 963-002 Ordering Information

#### 963-002: 1000 BASE-T Ethernet cable with polyurethane jacket



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

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

Final Assembly	
Cable	Four twisted pairs caled around a center filler
Binder	Skive PTFE tape
Shield 1	Aluminum polyester
Shield 2	38 AWG silver plated copper braid 80% coverage
Jacket	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.

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