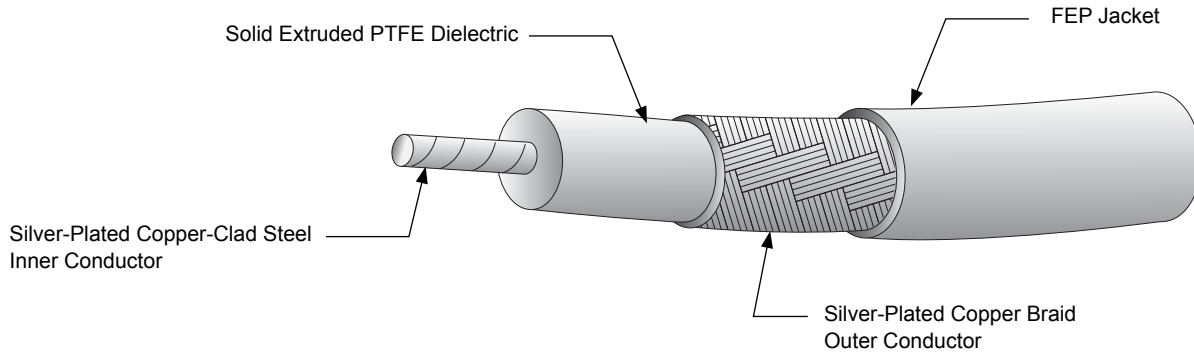


962-003
M17/94 - RG179
75 Ohm Coaxial Cable



962-003 75 OHM M17 HIGH FREQUENCY CABLE WITH EXTENDED TEMPERATURE RANGE



Physical and Mechanical Specifications	
Dimensions (Inches)	
Center Conductor	Ø .012 ± .001 (7 x .004) silver plated copper-clad steel
Dielectric Core	solid PTFE extruded to Ø.068 ± .003
Outer Conductor	38 AWG silver-plated copper braid, Ø.084 maximum Coverage: 92.3% nominal
Jacket	FEP to Ø.100 ± .005
Operating Temperature	-55° C to +200° C

Electrical Specifications	
Working Voltage	900 volts RMS (continuous)
Operating Frequency	3 GHz max
Velocity of Propagation	69.5% nominal
DC Resistance (Inner Conductor)	24.45 Ohm per 100 ft (max, at 20° C)
Spark Test	2,000 volts RMS +10%/-0%
DWV	2,000 volts RMS (minimum)
CEV	1,200 volts RMS (minimum)
Impedance	75 ± 3 Ohms
Attenuation	21.0 dB/100 ft maximum (0.4 GHz)
Capacitance	23.0 pf/ft maximum

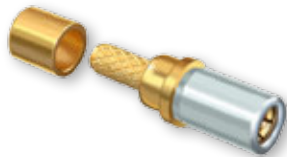
Compatible Contacts



852-002
 Size #12 D38999 Sr. I/II/III/IV Pin

852-004
 Size #12 D38999 Sr. I/II/III/IV Pin

852-008
 Size #16 D38999 Sr. I/III/IV Pin



852-001
 Size #12 D38999 Sr. II/Mighty Mouse Socket

852-003
 Size #12 D38999 Sr. I/III/IV Socket

852-005
 Size #12 D38999 Sr. I/III/IV Socket

852-009
 Size #16 D38999 Sr. I/III/IV Socket

852-010
 Size #16 D38999 Sr. II/Mighty Mouse Socket

Notes

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