



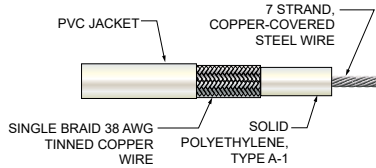
SERIES 80 Mighty Mouse connectors



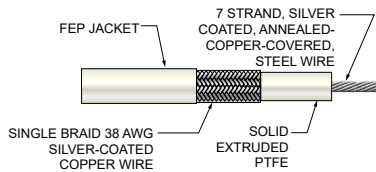
50 and 75 Ohm Coax Cable for Size 16 and 12 Coax Crimp Contacts

SIZE #12 AND #16 COAXIAL CABLE SPECIFICATIONS

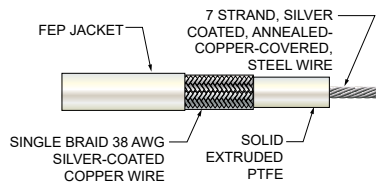
M17/119 RG174



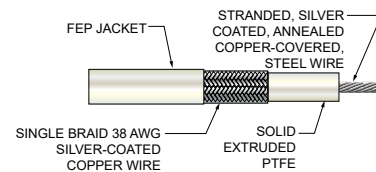
M17/113 RG316



M17/094 RG179



M17/095 RG180



Military Part Number	RG174 (M17/119-RG174)	RG316 (M17/113-RG316)	RG179 (M17/094-RG179)	RG180 (M17/095-RG180)
Max Operating Frequency	1 GHz	3 GHz	3 GHz	3 GHz
Impedance	50	50	75	95
Velocity of Propagation %	65.9	69.5	69.5	69.5
Capacitance (pF/ft)	32.2	32.0	23.0	17.4
Conductor Diameter	.0189 (0.48)	.0201 (0.51)	.012 (0.30)	.012 (0.30)
Conductor Type	7 Strand CC ¹ Steel Wire	7 Strand SC ² , ACC ³ Steel Wire	7 Strand SC ² , ACC ³ Steel Wire	7 Strand SC ² , ACC ³ Steel Wire
Dielectric Diameter	.060 (1.52)	.060 (1.52)	.063 (1.60)	.102
Dielectric	Solid Polyethylene	Solid Polyethylene	Solid Extruded PTFE	Solid Extruded PTFE
Outer Shield Diameter	.088 (2.24)	.081 (2.06)	.084 (2.13)	.124 (3.15)
Outer Shield Coverage	85.6% nom.	95.2% nom.	92.3% nom.	91.0% nom.
Outer Diameter	.110 (2.79)	.098 (2.49)	.100 (2.54)	.141 (3.58)
Jacket	PVC	PVC	FEP	FEP
Weight	.0095 lbs/ft	1.22 lbs/100ft	.0108 lbs/ft.	.0198 lbs/ft.
Temperature Range	-40°C to +85°C	-55° to +200°C	-55° to +200°C	-55° to +200°C
Frequency	Attenuation (dB/100 ft) nominal			
50 MHz	6.5	7.5		
100 MHz	10	11		
400 MHz	25	21	21.0 max	17.0 max
1 GHz	45	38		
3.0 GHz		58		

1. CC = copper covered
2. SC = silver coated
3. ACC = annealed-copper-covered

Cables shown may be used for matched and un-matched impedance contacts except for RG180; which is only used with non-matched impedance contacts.