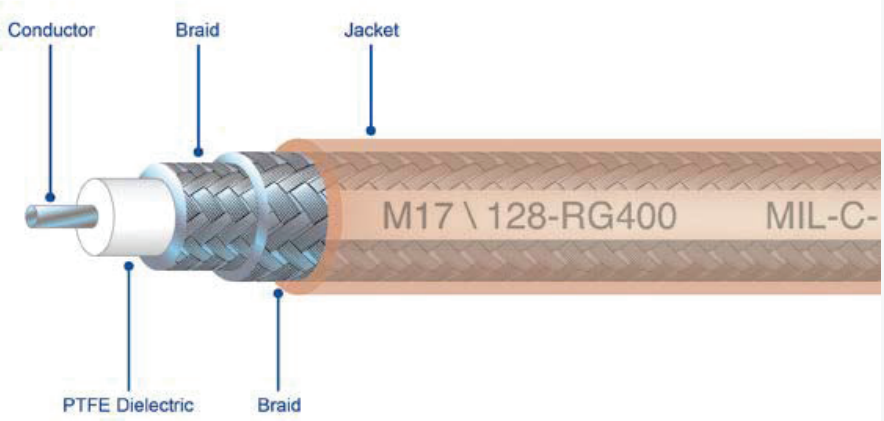
MIL-C-17 Coaxial Cable

Mil-C-17 cables are constructed with either solid or stranded silver plated conductors insulated with an extruded PTFE (polytetrafluoroethylene) dielectric. The outstanding electrical and mechanical properties of PTFE over a broad range of temperatures and frequencies make these coaxial cables the standard for a wide range of military and commercial applications.

- Key Features
- Product Construction
- Mechanical/Environmental Performance

» Outstanding resistance to chemicals, oils and lubricants
» High screen coverage to enhance electromagnetic interference (EMI) performance
» Superior dielectrical properties



PTFE Insulations with FEP or PTFE jackets
Operating temperatures of - 55°C to + 200°C
Available with single or doubled silver plated copper screen
Impedance to 50, 75 or 95 Ohms

M17 P/N	Type	Impedance /Type	Conductor Type/Diameter Inches (mm)	Insulation Type Diameter Inches (mm)	Braid Type/ Diameter Inches (mm)	Jacket Type/ Diameter Inches (mm)	Weight lbs/Kft (kg/km)	Max Capacitance	Max Working Voltage	Max Conductor Resistance Ω	Max Attenuation (dB/100 ft)			Max Power (Watts)		
											100 MHz	400 MHz	1 GHz	100 MHz	400 MHz	1 GHz
M17/152-00001	S50-7/0067CSSXE	50 Ω coaxial	7/0067 SPCW .020 (.508)	Extruded PTFE .060 (1.52)	Double 38 SPC .096 (2.44)	Extruded FEP .114 (2.90)	15.7 (23.4)	32.0 (105)	1,100	8.41 (27.6)	15.0	24.0	40.0	425	210	130