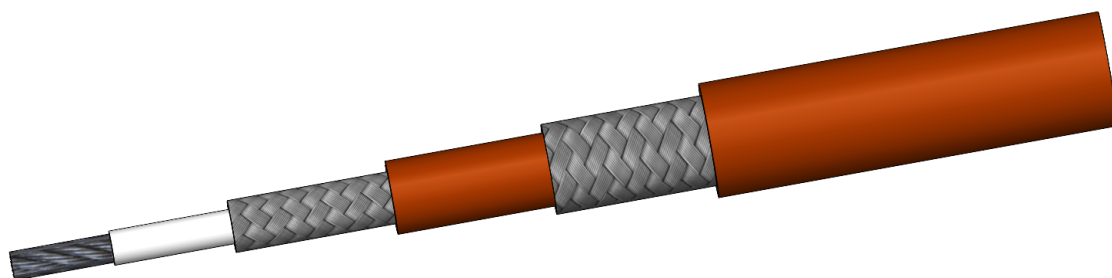




Flexible RG178 Triaxial Cable with FEP Jacket

RG-178TR



Meets all MIL-C-17 Requirements

Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	SPCW-Silver Plated Copper Weld (Stranded-7)	7*0.102 mm
Dielectric	PTFE (Polytetrafluoroethylene)	0.86 mm
Outer Conductor	SPC-Silver Plated Copper	1.3 mm
Jacket	FEP (Fluorinated ethylene propylene)	1.83 mm
Outer Conductor	SPC-Silver Plated Copper	2.25 mm
Jacket	FEP (Fluorinated ethylene propylene)	2.85 mm

Electrical Data

Impedance	50 $\Omega \pm 2$
Frequency	DC to 6 GHz
Capacitance	98 pF/m
Velocity of signal propagation	70 %
Voltage with stand	≤ 1.5 kVrms 1min
Shielding Effect	> 60 dB

Mechanical Data

Weight	N/A
Min. bending radius	10 mm (Static)

Environmental Data

Temperature range	-65°C to +150°C
RoHS (2011/65/EU)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
0.1	0.58	225
0.4	1.05	115
0.9	1.58	72
1	1.68	68
1.8	2.24	47
3	2.91	34
6	4.13	23