



Technical Specification

Product Category

Coaxial Cable

Construction Parameters

Component	Specification
Inner Conductor	7/0.8±0.01mm Silver Plated Copper
Dielectric	7.24±0.05mm PTFE (White)
Shield 1	144×0.15mm Silver Plated Copper; Braiding Density: 95%
Shield 2	168×0.15mm Silver Plated Copper; Braiding Density: 98%
Jacket	9.90±0.10mm FEP (Natural Brown)
Standard	MIL-C-17

Electrical Characteristics

Parameter	Specification
Capacitance	97±5 pF/m
Impedance	50±2 Ω
Velocity of Propagation	70%
Max Operating Voltage	1875 VMS
Max Operating Frequency	11000 MHz

Mechanical and Environmental Properties



Parameter	Specification
Cable Bend Radius	100 mm
Operating Temperature Range	-55 °C to 200 °C
Installation Temperature Range	-5 °C to 20 °C

Attenuation (20°C)

Frequency (MHz)	Max Attenuation (dB/100m)
100	7.00
400	14.00
900	22.00
1000	24.00
1800	32.00
2400	40.00
3000	47.00
5000	64.00
11000	109.00