

RF670\_047-FEP coax cable is a versatile 50-ohm coaxial cable used for all transmit-and-receive purposes. RF670\_047-FEP cable is an excellent solution for a vast range of applications, specifically in the military and aerospace industries. It is widely used for radio frequency, telecommunications, interconnects, and signal transfer applications in systems such as GPS, medical systems, and RADAR.



Ordering Information	
Item No.	RF670_047-FEP
Series No.	S202

### Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	SCCS	1/0.29±0.005 (φ0.29)
Dielectric	White PTFE	φ0.94±0.05
Outer conductor	Tin immersion copper weaving	φ1.19±0.10
Jacket	FEP	φ1.60±0.10

### Electrical Properties

Property	Value
Characteristics Impedance	50±3 Ω
Rated capacitance	97±3 pf/m
Velocity	70.00%
Transmission delay	4.8 (ns/m)
Frequency range	DC - 20000 MHz

**Attenuation**

Frequency(MHz)	Attenuation(20°C, dB/m)
500	0.83
1000	1.18
3000	2.29
5000	2.71
10000	3.92
20000	5.72

**Electrical Properties**

Property	Value
Minimum bending radius	20 mm
Operating temperature	-55 ~ +125°C
ROHS	Compliant