

Foam Dielectric Flexible RF Feeder Cable



- 1. Inner conductor
- 2. Dielectric
- 3. Outer conductor
- 4. Jacket

Electrical Specification		
Operating Frequency	8.8GHz	
Dielectric Strength	DC 4,000V For 1 Min	
Min. Insulation Resistance	10,000 MΩ.km	
Velocity of Propagation	88 Peak	
Power Rating	40 kW	
Characteristic Impedance	50±1Ω	
VSWR (800~ 100 0MHz 1700~ 190 0MHz 1900~2500MHz 2500~3000MHz, 3000~3900MHz)	1.20 , 1.20, 1.20 , 1.20, 1.22	
Mechanical Specifications		
Weight(±5%)	Standard Jacket FR Jacket	Nom. 0.1 5 kg/m Nom. 0.1 7 kg/m
Minimum Bending Radius (Single / Multiple)	125/ 159 mm	
Flat Plate Crush Resistance	1.2 kg/mm	
Operating Temperature	Standard Jacket FR Jacket	-40°C~+80°C -30°C~+80°C
Max. Pulling Force	113 kg	
Impedance	50 Ohm	
Material & Finish		
Inner Conductor	Copper clad aluminum	Nom. 4.8 ± 0.1 mm
Dielectric	Foamed Polyethylene	Nom. 12.2± 0.2 mm
Outer Conductor	Corrugated Aluminum tube	Nom. 13.7± 0.20 mm
Jacket	Standard black PE or Flame Retardant/ Halogen-Free black PE	Nom. 15.8± 0.30 mm