



Features

- Low Loss
- Low VSWR
- Cost-effective

Applications

- Cabinet Internal Interconnection
- Wireless Telecommunication
- Base Station Interconnection

Electrical Specifications	
Frequency	DC to 18 GHz
Cutoff Frequency	28 GHz
Impedance	50 Ω
Velocity of Propagation	76 %
Shielding Effectiveness	70 dB Min.
Voltage Power	1500 V,DC

Mechanical & Environmental Specifications

Static Bend Radius	25 mm
Dynamic Bend Radius	51 mm
Weight	0.054 Kg/m
Installation&Operating Temperature	-55°C~+125°C

Cable Construction Specifications

	Description	Dimensions (mm)	Material
1	Inner Conductor	1.45	Solid SPC
2	Dielectric	4.2	LD-PTFE
3	Outer Conductor	4.32	Aluminum Foil
4	Outer Shield	4.65	SPC Braid
3	Jacket	5.2	Blue FEP

Attenuation & Power vs Frequency*

Frequency (MHz)	1000	3000	8000	12400	16000	18000
Attenuation(dB/100m)	23.79	42.59	72.92	93.44	108.23	115.91
Avg.Power (kW)	0.766	0.428	0.250	0.195	0.168	0.157

K1=0.718

K2=0.001088

Calculation = $K1 \cdot \sqrt{F} + K2 \cdot F$

* Attenuation (Typical value @ +25°C&VSWR=1.0) Power (Typical value@ +40°C& atmospheric pressure)

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