



**Features**

- Low VSWR
- Cost-effective

**Applications**

- Cabinet Internal Interconnection
- Phased Array Radar Array Free Connection
- Module Internal Interconnection
- Semi-Rigid & Semi-Flexible Replacement Cable

Electrical Specifications	
Frequency	DC to 26.5 GHz
Cutoff Frequency	61 GHz
Impedance	50 Ω
Velocity of Propagation	80 %
Shielding Effectiveness	90 dB Min.
Voltage Power	500 V,DC

Mechanical & Environmental Specifications	
Static Bend Radius	13 mm
Dynamic Bend Radius	26 mm
Weight	0.02 Kg/m
Installation&Operating Temperature	-55°C~+125°C

Cable Construction Specifications			
	Description	Dimensions (mm)	Material
1	Inner Conductor	0.53	Solid SPC
2	Dielectric	1.63	LD-PTFE
3	Outer Conductor	1.83	SPC Strip
4	Outer Shield	2.18	SPC Braid
5	Jacket	2.65	Blue FEP

Attenuation & Power vs Frequency*						
Frequency (MHz)	1000	3000	8000	12400	18000	26500
Attenuation(dB/100m)	62.76	113.70	197.88	255.97	320.44	407.15
Avg.Power (kW)	0.119	0.066	0.038	0.029	0.023	0.018
K1=1.8602361		K2=0.003937		Calculation = K1* √ FMHz+K2*FMHz		
* Attenuation (Typical value @ +25°C&VSWR=1.0) Power (Typical value@ +40°C& atmospheric pressure)						

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