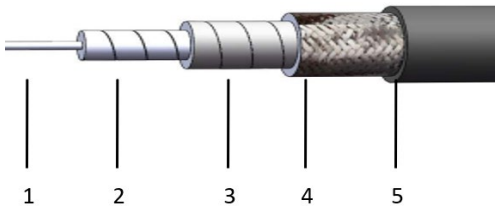

Features

- Low Loss
- High Power
- Light Weight

Applications

- Phased Array Radar
- Aviation Electronics
- Electronic Confrontation

Electrical Specifications	
Frequency	DC to 26.5 GHz
Cutoff Frequency	31 GHz
Impedance	50 Ω
Velocity of Propagation	83 %
Shielding Effectiveness	90 dB Min.
Voltage Power	1500 V,DC

Mechanical & Environmental Specifications	
Static Bend Radius	24 mm
Dynamic Bend Radius	48 mm
Weight	0.055 Kg/m
Installation&Operating Temperature	-55°C~+165°C

Cable Construction Specifications

	Description	Dimensions (mm)	Material
1	Inner Conductor	1.4	Solid SPC
2	Dielectric	3.8	LD-PTFE
3	Outer Conductor	3.95	SPC Strip
4	Outer Shield	4.35	SPC Braid
5	Jacket	4.8	Grey PFA or Custom

Attenuation & Power vs Frequency*

Frequency (MHz)	1000	3000	8000	12400	18000	26500
Attenuation(dB/100m)	24.06	42.09	69.74	87.63	106.58	130.85
Avg.Power (kW)	0.919	0.525	0.317	0.252	0.207	0.169

K1=0.7504 K2=0.000328 Calculation = K1* √ FMHz+K2*FMHz

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

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