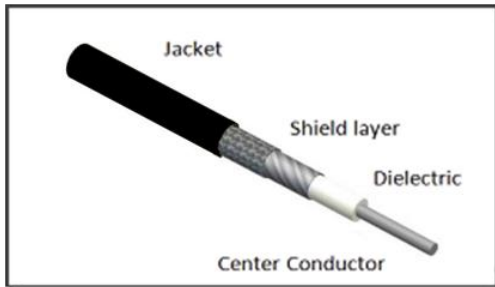


Cable Structure & Material



- Center conductor : silver plated copper
- Dielectric core : low density PTFE tape
- Outer conductor : silver plated copper
- Jacket : Black FEP

Specifications

Physical & Environmental Specification	
Frequency range [Available max.]	DC to 18 GHz [26.5GHz]
Center Conductor [mm]	1.46 ±0.015
Inner shield(SPC tape) [mm]	4.10 ±0.05
Outer shield(SPC braid) [mm]	4.50 ±0.05
Out diameter [mm]	5.20 ±0.15
Minimum bend radius (Min.)	25
Weight [g/m]	60
Temperature range	-55 ~ 180 °C
Electrical Specification	
Impedance	50 Ω
Velocity of propagation	84% nom.
Dielectric constant	1.4
RF leakage	-100 dB
Time delay [ns/m]	3.9
Capacitance [pF/m]	79
Phase stability vs. flexure [@18GHz max.]	3 °
IL stability vs. flexure [dB @minimum BR]	±0.3
Phase stability vs. temp. [deg/GHz/m](-40~80 °C)	< 1 °

Attenuation [dB/m]	
1 GHz	0.23
3 GHz	0.41
6 GHz	0.58
10 GHz	0.75
12 GHz	0.85
18 GHz	1.05

Power Handling [W] @ + 25 °C (Sea level)	
1 GHz	850
2 GHz	600
6 GHz	340
12 GHz	230
18 GHz	200

Phase Stability Graph

