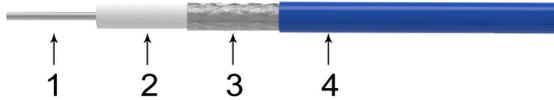


Features & Benefits

- Hand formable to any shape without tools
- 8mm bend radius for tight installations
- FEP jacket or unjacketed option
- Ideal for interconnect of RF systems

Cable Construction



No.	Construction	Size (mm)	Materials
1	Center Conductor	0.94	silver plated copper
2	Dielectric	2.98	Solid PTFE
3	Shielding	3.55	Tin Soaked copper Wire braid
4	Jacket	4.10	FEP

Electrical

Frequency	DC-18 GHz
Impedance	50 Ω
Velocity of Propagation	70%
Shielding Effectiveness	>90 dB
Withstanding Voltage	1000 V

Mechanical & Environmental

Min.Bending Radius Static	8mm
Min. Bending Radius Repeated	40mm
Weight	48g/m
Temperature(Operation)	-55~125 °C
Temperature(Storage)	-65~125 °C

Attenuation(Typical@25°C&VSWR=1.0) & Power(VSWR=1.0; 40°C; Sea level)

Frequency MHz	500	1000	2000	3000	6000	8000	10000	12000	12400	14000	16000	18000
dB / Meter	0.29	0.42	0.62	0.77	1.16	1.37	1.57	1.76	1.80	1.94	2.11	2.28
Avg.Power / W	760	524	358	285	190	160	140	125	122	113	104	97

Attenuation at any frequency=[1.2139108×SQRT(FMHz)]+[0.0036089×FMHz]

Available connectors

Cable P/N	Connectors	Gender	Connector Type	Orientation	Max Freq.(GHz)	VSWR Max
FS141	SMA	Male/Female	Direct solder	Straight	18	1.3
FS141	SMA	Male	Direct solder	Right Angle	18	1.35
FS141	N	Male/Female	Direct solder	Straight	18	1.3
FS141	N	Male	Direct solder	Right Angle	6	1.35
FS141	N	Male	Direct solder	Right Angle	18	1.35

Other connectors available upon request.