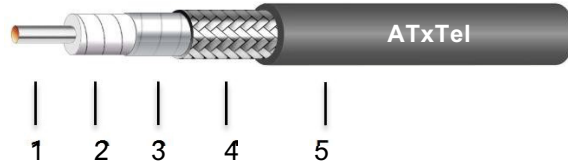


Model: A800

Ultra-low Loss
Amplitude Stable
Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Silvered Copper	2.30
2. Dielectric	Low Density PTFE	6.20
3. Inner Shield	Silvered Copper Tape Wrapping	6.44
4. Outer Shield	Braided Silvered Copper Wire	7.05/7.20
5. Jacket	Grey PFA	7.90

Electrical Specifications

Cable Impedance	50 Ω
Velocity	83%
Shielding Effectiveness	>90 dB
Voltage Withstanding	2500 V DC
Operating Frequency	DC-18 GHz
Amplitude Stability vs Flexure	<±0.1 dB
Mechanical Phase Stability	<±5°

Mechanical & Environmental Specifications

Weight	130 g/m
Bend Radius, static	39 mm
Bend Radius, dynamic	79 mm
Temperature Range	-55 ~ +165 °C

Attenuation (Typical Value @ 25°C & Sea Level)

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	3341	0.08
1000	1812	0.15
3000	1030	0.26
6000	717	0.37
8500	597	0.45
12400	488	0.55
18000	399	0.67