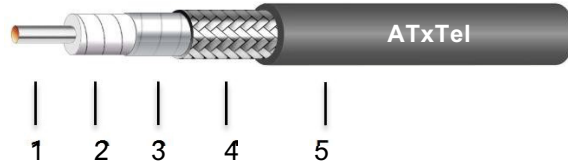


**Model: A750**

Ultra-low Loss  
Amplitude Stable  
Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Silvered Copper	2.10
2. Dielectric	Low Density PTFE	5.70
3. Inner Shield	Silvered Copper Tape Wrapping	5.95
4. Outer Shield	Braided Silvered Copper Wire	6.60
5. Jacket	Grey PFA	7.40

**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	116 g/m
Bend Radius, static	37 mm
Bend Radius, dynamic	74 mm
Temperature Range	-55 ~ +165 °C

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

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	3186	0.09
1000	1740	0.16
3000	1000	0.28
6000	704	0.39
8500	589	0.47
12400	486	0.57
18000	402	0.69