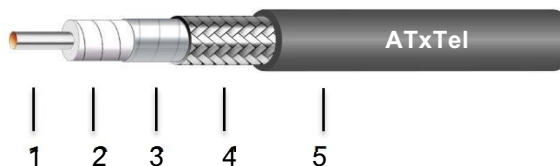


**Model: A400**

Ultra-low Loss  
Amplitude Stable  
Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Silvered Copper	1.05
2. Dielectric	Low Density PTFE	2.85
3. Inner Shield	Silvered Copper Tape Wrapping	3.05
4. Outer Shield	Braided Silvered Copper Wire	3.40
5. Jacket	Grey PFA	4.00

**Electrical Specifications**

Cable Impedance	50 Ω
Velocity	82%
Shielding Effectiveness	>90 dB
Voltage Withstanding	1500 V DC
Operating Frequency	DC-40 GHz
Amplitude Stability vs Flexure	<±0.1 dB
Mechanical Phase Stability	<±5°

**Mechanical & Environmental Specifications**

Weight	36 g/m
Bend Radius, static	20 mm
Bend Radius, dynamic	40 mm
Temperature Range	-55 ~ +165 °C

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

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	1160	0.20
1000	634	0.36
3000	365	0.63
6000	257	0.89
8500	215	1.07
12400	178	1.29
18000	147	1.56
26500	121	1.90
40000	98	2.35