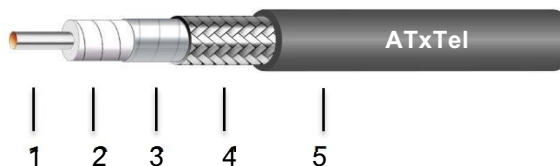


**Model: A300**

Ultra-low Loss  
Amplitude Stable  
Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Silvered Copper	0.70
2. Dielectric	Low Density PTFE	1.93
3. Inner Shield	Silvered Copper Tape Wrapping	2.09
4. Outer Shield	Braided Silvered Copper Wire	2.66
5. Jacket	Grey PFA	3.10

Electrical Specifications	
Cable Impedance	50 Ω
Velocity	82%
Shielding Effectiveness	>90 dB
Voltage Withstanding	500 V DC
Operating Frequency	DC-50 GHz
Amplitude Stability vs Flexure	<±0.1 dB
Mechanical Phase Stability	<±5°

Mechanical & Environmental Specifications	
Weight	27 g/m
Bend Radius, static	15 mm
Bend Radius, dynamic	31 mm
Temperature Range	-55 ~ +165 °C

Attenuation (Typical Value @ 25°C & Sea Level)		
Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	749	0.26
1000	407	0.47
3000	233	0.82
6000	163	1.17
8500	136	1.40
12400	111	1.71
18000	92	2.08
26500	75	2.55
40000	60	3.19
50000	53	3.60