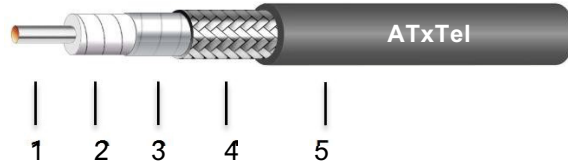


Model: A550

Ultra-low Loss
Amplitude Stable
Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Silvered Copper	1.60
2. Dielectric	Low Density PTFE	4.30
3. Inner Shield	Silvered Copper Tape Wrapping	4.50
4. Outer Shield	Braided Silvered Copper Wire	5.10
5. Jacket	Grey PFA	5.60

Electrical Specificationsa

Cable Impedance	50 Ω
Velocity	83%
Shielding Effectiveness	>90 dB
Voltage Withstanding	2000 V DC
Operating Frequency	DC-18 GHz
Amplitude Stability vs Flexure	<±0.1 dB
Mechanical Phase Stability	<±5°

Mechanical & Environmental Specifications

Weight	75 g/m
Bend Radius, static	28 mm
Bend Radius, dynamic	56 mm
Temperature Range	-55 ~ +165 °C

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

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	1874	0.12
1000	1024	0.22
3000	589	0.39
6000	415	0.55
8500	348	0.66
12400	287	0.80
18000	238	0.96