

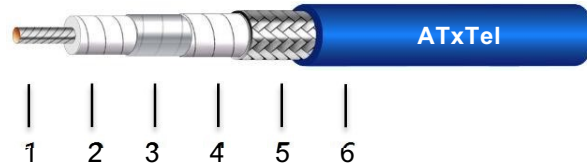
## Product Specifications



### Model: C500

Amplitude Stable

Phase Stable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Stranded Silvered Copper Wire	1.44
2. Dielectric	Low Density PTFE	3.85
3. Inner Shield	Silvered Copper Tape Wrapping	4.05
4. Middle Layer	Low Density PTFE	4.30
5. Outer Shield	Braided Silvered Copper Wire	4.65
6. Jacket	Blue FEP	5.10

Electrical Specifications	
Cable Impedance	50 $\Omega$
Velocity	82%
Shielding Effectiveness	>90 dB
Voltage Withstanding	2000 V DC
Operating Frequency	DC-26.5 GHz
Amplitude Stability vs Flexure	< $\pm$ 0.1 dB
Mechanical Phase Stability	< $\pm$ 5°

Mechanical & Environmental Specifications	
Weight	55 g/m
Bend Radius, static	25 mm
Bend Radius, dynamic	50 mm
Temperature Range	-55 ~ +165 °C

Attenuation (Typical Value @ 25°C & Sea Level)		
Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	1522	0.15
1000	821	0.27
3000	463	0.48
6000	320	0.70
8500	265	0.84
12400	215	1.04
18000	175	1.27
26500	140	1.59