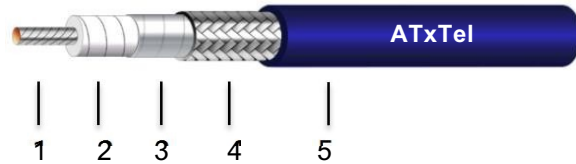


**Model: U500**

Low Loss  
Ultra Flexible Cable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Stranded Silvered Copper	1.02
2. Dielectric	Low Density PTFE	3.00
3. Inner Shield	Silvered Copper Tape Wrapping	3.20
4. Outer Shield	Braided Silvered Copper Wire	3.78
5. Jacket	Purple PUR	5.00

**Electrical Specifications**

Cable Impedance	50 Ω
Velocity	76%
Shielding Effectiveness	>90 dB
Voltage Withstanding	1000 V DC
Operating Frequency	DC-26.5 GHz

**Mechanical & Environmental Specifications**

Weight	51 g/m
Bend Radius, static	25 mm
Bend Radius, dynamic	50 mm
Temperature Range	-55 ~ +85 °C

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

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	280	0.20
1000	149	0.39
3000	82	0.70
6000	56	1.03
8500	45	1.26
12400	36	1.58
18000	29	1.98
26500	23	2.52