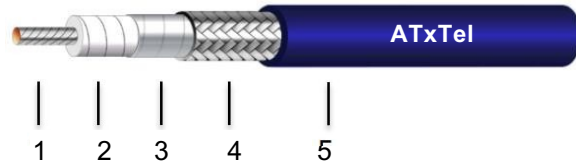


**Model: U800**

Low Loss  
Ultra Flexible Cable



Construction	Materials	Outer Diameter (mm)
1. Center Conductor	Stranded Silvered Copper	1.88
2. Dielectric	Low Density PTFE	5.50
3. Inner Shield	Silvered Copper Tape Wrapping	5.74
4. Outer Shield	Braided Silvered Copper Wire	6.31
5. Jacket	Purple PUR	8.00

**Electrical Specifications**

Cable Impedance	50 Ω
Velocity	76%
Shielding Effectiveness	>90 dB
Voltage Withstanding	1700 V DC
Operating Frequency	DC-18 GHz

**Mechanical & Environmental Specifications**

Weight	116 g/m
Bend Radius, static	40 mm
Bend Radius, dynamic	80 mm
Temperature Range	-55 ~ +85 °C

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

Frequency (MHz)	Power (W)	Attenuation (dB/m)
300	625	0.10
1000	327	0.18
3000	176	0.34
6000	117	0.51
8500	94	0.63
12400	74	0.80
18000	58	1.02