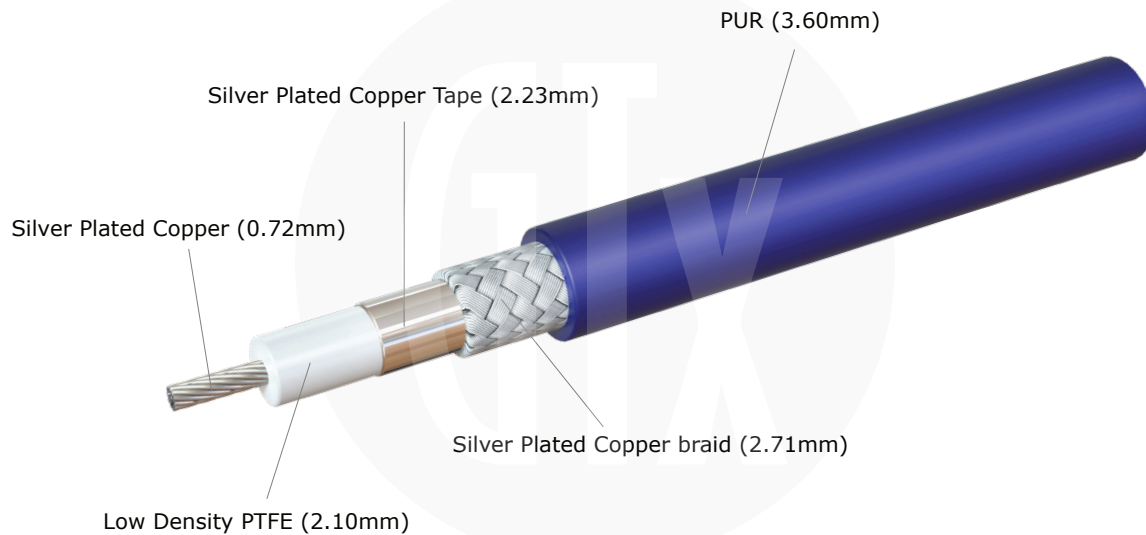


# KF141UF

## Low Loss, Ultra Flexible Phase Stable Coaxial Cable



### MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.72mm)
Dielectric	Low Density PTFE (2.10mm)
First Shield	Silver Plated Copper Tape (2.23mm)
Second Shield	Silver Plated Copper Braid (2.71mm)
Jacket	PUR (3.60mm)

### ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	DC to 40 GHz
Velocity of Propagation	76%
Voltage Withstanding	500V RMS Maximum

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	14mm
Bending Radius (flexing)	36mm
Weight	30 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +85 degrees C

# KF141UF

## Low Loss, Ultra Flexible Phase Stable Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	27.96 dB	0.22
1000 MHz	51.86 dB	0.12
2000 MHz	74.4 dB	0.067
6000 MHz	133.45 dB	0.046
8000 MHz	156.03 dB	0.039
10000 MHz	176.3 dB	0.035
12,000 MHz	195.0 dB	0.031
16,000 MHz	229.1 dB	0.027
18,000 MHz	244.88 dB	0.025
26,500 MHz	305.54 dB	0.02
40,000 MHz	388.8 dB	0.016

