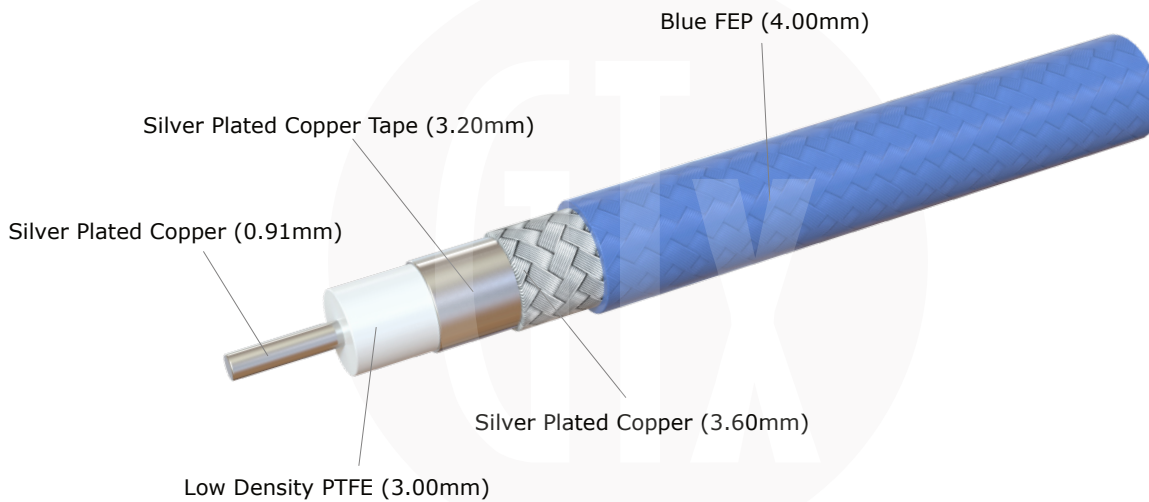


# KF141

## Flexible and Phase Stable Coaxial Cable



### MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.91mm)
Dielectric	Low Density PTFE (3.00mm)
First Shield	Silver Plated Copper Tape (3.20mm)
Second Shield	Silver Plated Copper (3.60mm)
Jacket	Blue FEP (4.00mm)

### ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	DC to 26.5 GHz
Velocity of Propagation	70%
Voltage Withstanding	2000V RMS Maximum

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	20mm
Bending Radius (flexing)	40mm
Weight	37 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +125 degrees C

# KF141

## Flexible and Phase Stable Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	19.9 dB	0.512
1000 MHz	38.2 dB	0.267
2000 MHz	56.3 dB	0.181
3000 MHz	71.1 dB	0.143
6000 MHz	107.5 dB	0.095
8000 MHz	128.3 dB	0.079
10,000 MHz	147.6 dB	0.069
12,000 MHz	165.8 dB	0.061
16,000 MHz	199.9 dB	0.051
18,000 MHz	216.1 dB	0.047
26,500 MHz	280.5 dB	0.036

