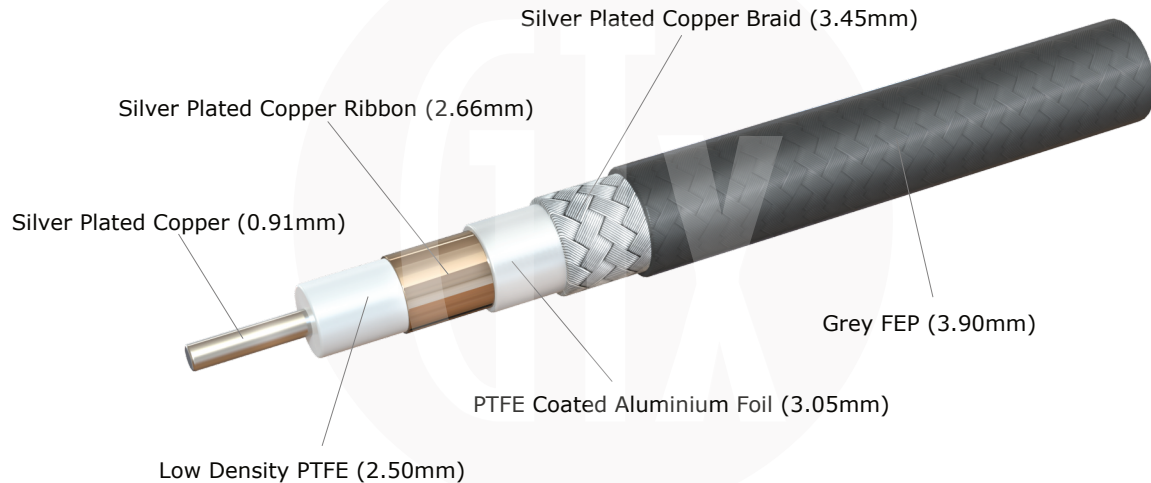


KF141UHP

Ultra Low Loss, Phase Stable Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.91mm)
Dielectric	Low Density PTFE (2.50mm)
First Shield	Silver Plated Copper Ribbon (2.66mm)
Separation Layer	PTFE Coated Aluminium Foil (3.05mm)
Second Shield	Silver Plated Copper Braid (3.45mm)
Jacket	Grey FEP (3.90mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	40 GHz
Capacitance	80.65 pF/m
Velocity of Propagation	81%
Voltage Withstanding	1000V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	18mm
Bending Radius (flexing)	36mm
Weight	34 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +125 degrees C

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Ultra Low Loss, Phase Stable Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	20.4 dB	0.94
500 MHz	26.4 dB	0.73
1000 MHz	37.5 dB	0.51
3000 MHz	65.6 dB	0.29
6000 MHz	93.8 dB	0.20
10,000 MHz	122.3 dB	0.16
12,400 MHz	136.9 dB	0.14
16,000 MHz	156.6 dB	0.12
18,000 MHz	166.7 dB	0.12
26,500 MHz	240.8 dB	0.09
40,000 MHz	255.7 dB	0.08

