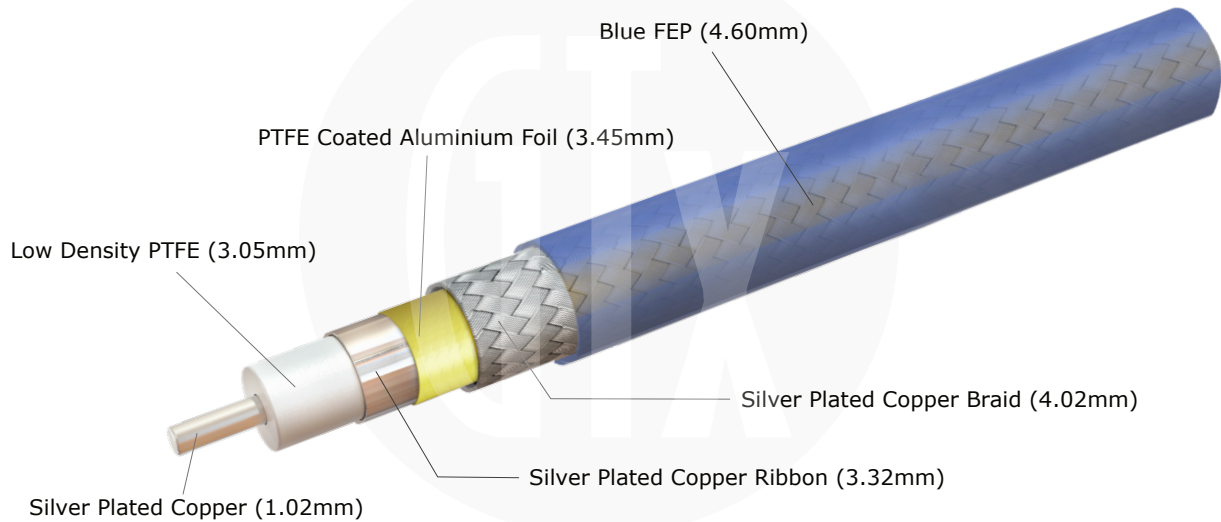


KF181HP

Low Loss, Phase and Amplitude Stable Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (1.02mm)
Dielectric	Low Density PTFE (3.05mm)
First Shield	Silver Plated Copper Ribbon (3.32mm)
Separation Layer	PTFE Coated Aluminium Foil (3.45mm)
Second Shield	Silver Plated Copper Braid (4.02mm)
Jacket	Blue FEP (4.60mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	26.5 GHz
Velocity of Propagation	76%
Voltage Withstanding	1000V RMS Maximum
Shielding Effectiveness	> -100dB

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	18.4mm
Bending Radius (flexing)	46.0mm
Weight	50 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +200 degrees C

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Low Loss, Phase and Amplitude Stable Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	19.20 dB	1.047
1000 MHz	35.40 dB	0.569
2000 MHz	50.39 dB	0.364
6000 MHz	88.80 dB	0.227
8000 MHz	103.20 dB	0.195
10,000 MHz	116.00 dB	0.174
12,000 MHz	127.70 dB	0.158
16,000 MHz	148.70 dB	0.135
18,000 MHz	158.30 dB	0.127
26,500 MHz	194.90 dB	0.103

