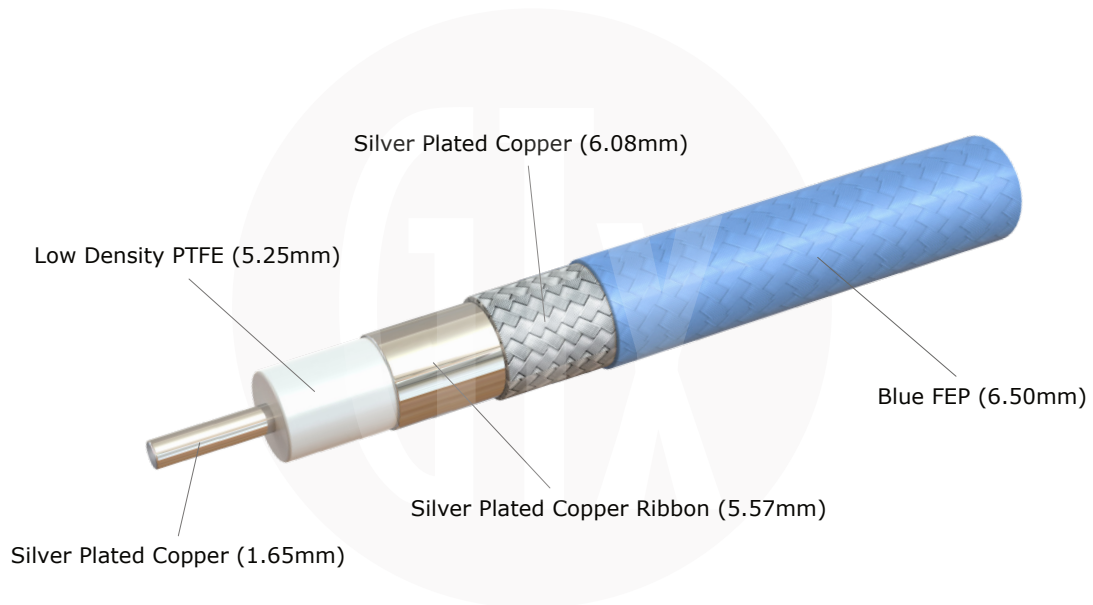


# KF240

## Phase Stable Coaxial Cable



### MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (1.65mm)
Dielectric	Low Density PTFE (5.25mm)
First Shield	Silver Plated Copper Ribbon (5.57mm)
Second Shield	Silver Plated Copper (6.08mm)
Jacket	Blue FEP (6.50mm)

### ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	18 GHz
Capacitance	95 pF/m
Velocity of Propagation	70%
Voltage Withstanding	2000V RMS Maximum
Shielding Effectiveness	> -90dB

### MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	33mm
Bending Radius (flexing)	65mm
Weight	142 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +125 degrees C

# KF240

## Phase Stable Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	13.1 dB	1.177
1000 MHz	25.6 dB	0.610
2000 MHz	38.7 dB	0.399
6000 MHz	77.1 dB	0.205
8,000 MHz	93.1 dB	0.166
10,000 MHz	108.4 dB	0.143
12,000 MHz	122.7 dB	0.126
16,000 MHz	150.5 dB	0.103
18,000 MHz	163.3 dB	0.095

