

KF085

Flexible and Phase Stable Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper (0.51mm)
Dielectric	Low Density PTFE (1.60mm)
First Shield	Silver Plated Copper Tape (1.79mm)
Second Shield	Silver Plated Copper (2.16mm)
Jacket	Blue FEP (2.80mm)

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	DC to 40 GHz
Velocity of Propagation	70%
Voltage Withstanding	1500V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	14mm
Bending Radius (flexing)	27.9mm
Weight	22 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +125 degrees C

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FREQUENCY	ATTENUATION (per 100m)	AVERAGE POWER (kW)
300 MHz	37.0 dB	0.187
1000 MHz	69.3 dB	0.12
2000 MHz	100.3 dB	0.069
6000 MHz	183.7 dB	0.05
8000 MHz	216.4 dB	0.04
10000 MHz	246.1 dB	0.028
12,000 MHz	273.7 dB	0.025
16,000 MHz	324.4 dB	0.021
18,000 MHz	348.2 dB	0.024
26,500 MHz	440.8 dB	0.019
40,000 MHz	570.87 dB	0.012

