

COAXIAL FIXED ATTENUATOR, 50 Ohm, 6 dB, SK

6606_SK-50-1

Properties

- Wide range of interfaces
- Various bandwidth to improve the impedance matching between subsystems of its waveform
- Used in many test and measurement and communication applications.

**Product configuration**

Interface	Gender	Standard
SK	plug (male)	MIL-STD-348A/323
SK	jack (female)	MIL-STD-348A/323

Electrical data

Impedance	50Ω
Operating frequency	0 GHz ... 40 GHz
Attenuation nominal	6 dB
VSWR	1.4
Return loss	15.6 dB

Electrical Data (frequency related)

Frequency range	Attenuation deviation	VSWR max
0 GHz to 40 GHz	+/- 0.9 dB	1.23

Electrical Data (power)

Average power	2 W at 25 °C ambient temperature. Linearly derated to 0.5 W at 100 °C ambient temperature.
Peak power	200 W, 5 μs pulse width, 1 % duty cycle

Interface and material data

Interface	SK / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Coupling nut	Stainless Steel	
Interface	SK / jack (female)	

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Mechanical data	
Weight	0.004 kg

Environmental data	
Operation temperature	-55 °C ... 125 °C

Ordering Information Table	
Item number	Item description
85177149	6606_SK-50-1/199_NE

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