

COAXIAL FIXED ATTENUATOR, 50 Ohm, 10 dB, SK

6610_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	10 dB
VSWR	1.23
Return loss	15.6 dB

Electrical Data (frequency related)		
Frequency range	Attenuation deviation	VSWR max
0 GHz to 40 GHz	+/- 0.7 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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85177150	RoHS 2011/65/EU and (EU) 2015/863	Compliant without exemption	
	REACH 1907/2006 Article 33 SVHC	Free of SVHC >0,1%	

Ordering Information Table	
Item number	Item description
85177150	6610_SK-50-1/199_NE

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