

COAXIAL FIXED ATTENUATOR, 50 Ohm, 20 dB, SK

6620_SK-50-1

Properties

- Wide range of interfaces
- Fixed attenuation level from 0 dB up to 40 dB
- 50 Ω or 75 Ω impedance
- 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	50 Ω
Operating frequency	0 GHz ... 40 GHz
Attenuation nominal	20 dB
VSWR	1.4
Return loss	15.6 dB

Electrical Data (frequency related)		
Frequency range	Attenuation deviation	VSWR max
0 GHz to 40 GHz	+/- 1 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 μ s pulse width, 1 % duty cycle

Interface and material data		
Interface	SK / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating

COAXIAL FIXED ATTENUATOR, 50 Ohm, 20 dB, SK

6620_SK-50-1

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

Mechanical data	
Weight	0.004 kg

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

Ordering Information Table	
Item number	Item description
85177151	6620_SK-50-1/199_NE

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.

DOCUMENT PIM-P1660 / Date of publication: 23.11.2023 / uncontrolled copy