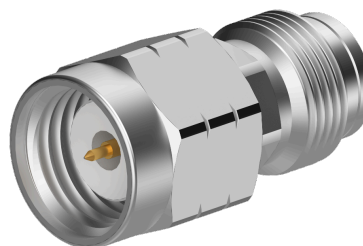


COAXIAL FIXED ATTENUATOR, 50 Ohm, 10 dB, PC 1.85

6610_PC185-50-1/199_N

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
PC 1.85	plug (male)	
PC 1.85	jack (female)	

Electrical data

Impedance	50Ω
Operating frequency	0 GHz ... 67 GHz
Attenuation nominal	10 dB
VSWR	1.3
Return loss	17.7 dB

Electrical Data (frequency related)

Frequency range	Attenuation deviation	VSWR max
0 GHz to 67 GHz	+/- 0.8 dB	1.3

Electrical Data (power)

Average power	2 W at 25 °C ambient temperature. Linearly derated to 0.2 W at 100 °C ambient temperature.
Peak power	50 W, 5 μs pulse width, 2 % duty cycle

Interface and material data

Interface	PC 1.85 / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Body	Stainless steel	Passivated (Plating)
Insulator	PEI (Polyether-imide)	
Interface	PC 1.85 / jack (female)	
Piece parts	Material	Plating

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Interface and material data		
Centre contact	Copper Beryllium Alloy	Gold Plating
Body	Stainless steel	Passivated (Plating)
Insulator	PEI (Polyether-imide)	

Mechanical data	
Weight	0.0035 kg

Environmental data	
Operation temperature	-55 °C ... 100 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85247570	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Free of SVHC >0,1%	

Ordering Information Table		
Item number	Item description	Packaging type
85247570	6610_PC185-50-1/199_NE	Single

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