

COAXIAL FIXED ATTENUATOR, 50 Ohm, 3 dB, QMA

6803_QMA-50-2/133_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
QMA	plug (male)	QMA QLF compliant
QMA	jack (female)	QMA QLF compliant

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 6 GHz
Attenuation nominal	3 dB
VSWR	1.2
Return loss	20.8 dB

Electrical Data (frequency related)		
Frequency range	Attenuation deviation	VSWR max
0 GHz to 6 GHz	+/- 0.5 dB	1.2

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	250 W, 5 μs pulse width, 0.4 % duty cycle

Interface and material data		
Interface	QMA / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Tri-metal Plating
Interface	QMA / jack (female)	

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Mechanical data	
Weight	0.007 kg

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

Ordering Information Table	
Item number	Item description
85177166	6803_QMA-50-2/133_NE

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