

COAXIAL TERMINATION, 50 Ohm, SMA, plug (male)

6515.19.A

Properties

- Various bandwidth
- Impedance matched
- Standard or precision types
- Low and medium power



Product configuration		
Interface	Gender	Standard
SMA	plug (male)	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Electrical data	
Impedance	50Ω
Operating frequency	0 GHz ... 12.4 GHz
VSWR	1.25
Return loss	19.1 dB

Electrical Data (frequency related)		
Frequency range	VSWR max	Return loss
0 GHz to 1 GHz	1.05	
1 GHz to 4 GHz	1.1	
4 GHz to 10 GHz	1.2	
10 GHz to 12.4 GHz	1.25	

Electrical Data (power)	
Average power	15 W at 25 °C ambient temperature. Linearly derated to W at 130 °C ambient temperature.
Peak power	1000 W, 5 μs pulse width, 0.05 % duty cycle

Interface and material data		
Interface	SMA / plug (male)	
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Aluminium	

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Interface and material data		
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	
Piece parts	Material	Plating

Mechanical data	
Weight	0.081 kg

Environmental data	
Operation temperature	-40 °C ... 130°C

Ordering Information Table	
Item number	Item description
22544579	6515.19.A

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DOCUMENT PIM-P1717 / Date of publication: 09.11.2023 / uncontrolled copy