

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

6506.19.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 | 32.3 dB |
| 1 GHz to 4 GHz | 1.1 | 26.4 dB |
| 4 GHz to 10 GHz | 1.2 | 20.8 dB |
| 10 GHz to 12.4 GHz | 1.25 | 19 dB |

| Electrical Data (power) | |
|-------------------------|--|
| Average power | 6 W at 40 °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 (Nickel underplated) |
| Body | Aluminium | |

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| Interface and material data | | |
|-----------------------------|-----------------|-----------------------------------|
| Insulator | PFA / PTFE | |
| Coupling nut | Bronze | Gold Plating (Nickel underplated) |
| Piece parts | Material | Plating |

| Mechanical data | |
|-----------------|----------|
| Weight | 0.051 kg |

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

| Ordering Information Table | |
|----------------------------|------------------|
| Item number | Item description |
| 22550257 | 6506.19.A |

| Additional Information | |
|------------------------|--|
| Remarks | WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations. |

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