

**COAXIAL TERMINATION, 50 Ohm, 7/16, plug (male)**

6525.41.AA

**Properties**

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



| Product configuration |             |                                           |
|-----------------------|-------------|-------------------------------------------|
| Interface             | Gender      | Standard                                  |
| 7/16                  | plug (male) | IEC 60169-4_CECC 22190_DIN 47223_VG 95250 |

| Electrical data     |                 |
|---------------------|-----------------|
| Impedance           | 50Ω             |
| Operating frequency | 0 GHz ... 5 GHz |
| VSWR                | 1.2             |
| Return loss         | 20.8 dB         |

| Electrical Data (frequency related) |          |             |
|-------------------------------------|----------|-------------|
| Frequency range                     | VSWR max | Return loss |
| 0 GHz to 2 GHz                      | 1.1      |             |
| 2 GHz to 5 GHz                      | 1.2      |             |

| Electrical Data (power) |                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------|
| Average power           | 25 W at 25 °C ambient temperature. Linearly derated to W at 150 °C ambient temperature. |
| Peak power              | 1500 W, 5 μs pulse width, 0.05 % duty cycle                                             |

| Interface and material data |                    |                       |
|-----------------------------|--------------------|-----------------------|
| Interface                   | 7/16 / plug (male) |                       |
| Piece parts                 | Material           | Plating               |
| Centre contact              | Brass              | Silver Plating        |
| Outer conductor             | Brass              | SUCOPLATE (R) Plating |
| Body                        | Aluminium          | Anodized              |
| Insulator                   | PFA / PTFE         |                       |

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| Interface and material data |                       |                       |
|-----------------------------|-----------------------|-----------------------|
| Coupling nut                | Brass                 | SUCOPLATE (R) Plating |
| Gasket                      | VMQ (Silicone rubber) |                       |
| Piece parts                 | Material              | Plating               |
|                             |                       |                       |
| Mechanical data             |                       |                       |
| Weight                      | 0.204 kg              |                       |
|                             |                       |                       |
| Environmental data          |                       |                       |
| Operation temperature       | -40 °C ... 150°C      |                       |

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