

COAXIAL CONNECTOR, 7/16, 50 Ohm, Straight cable jack (female)

21_716-50-42-4/033_-

Properties

- Field mountable connector series Quick-fit
- For medium and high power connection
- Applicable in frequencies up to 7.5 GHz
- IEC Standardized



| Product configuration | | |
|-----------------------|--------|---|
| Interface type | Gender | Standard |
| 7/16 | jack | IEC 61169-4_CECC 22190_DIN 47223_VG 95250 |

| Interface and material data | | |
|-----------------------------|--|-----------------------|
| Piece parts | Material | Plating |
| Centre contact | Bronze / Brass | Silver Plating |
| Outer conductor | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |
| Gasket | EPDM (Ethylene propylene diene rubber) | |

| Electrical data | |
|---------------------|-------------|
| Impedance | 50 Ω |
| Interface frequency | 7.5 GHz |

| Electrical Data (frequency related) | | |
|-------------------------------------|-------------|-------|
| Frequency range | Return loss | VSWR |
| 0 GHz ... 2.7 GHz | 30 dB | 1.065 |

| Mechanical data | |
|----------------------------|---------|
| Weight | 0.78 kg |
| Mating cycles | 500 |
| Cable entry centre contact | plugged |
| Cable entry outer contact | clamped |

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| Environmental data | |
|--------------------------------|-----------------------------------|
| Operation temperature | -40 °C ... 85 °C |
| Ingress protection (IP Rating) | Mated / IP68 (24 h of water, 1 m) |

| Ordering Information Table | | |
|----------------------------|-----------------------|----------------|
| Item number | Item description | Packaging type |
| 84079305 | 21_716-50-42-4/033_-E | Single |

| Suitable cables | |
|-----------------|--|
| Cable group | M43 - 42 mm / 50 Ohm M42 - 42 mm / 50 Ohm |
| Suitable cables | SUCOFEED_1_5/8_LA SUCOFEED_1_5/8 |

| Additional Information | |
|------------------------|---|
| Remarks | Flaring tool: 84085074 74_Z-0-42-15 Jacket stripping tool: 23010534 74_Z-0-42-14 |
| Only as assembly | No |

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