

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

21\_716-50-10-1/003\_-

**Properties**

- Rugged connection for COM-Applications
- 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     | Silver Plating        |
| Outer conductor             | Brass      | Silver Plating        |
| Body                        | Brass      | Silver Plating        |
| Insulator                   | PFA / PTFE |                       |
| Crimp ferrule               | Copper     | SUCOPLATE (R) Plating |

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

| Mechanical data            |           |
|----------------------------|-----------|
| Weight                     | 0.0853 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | plugged   |
| Cable entry outer contact  | crimped   |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

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| Material compliance |                                   |                          |                      |
|---------------------|-----------------------------------|--------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                   | Exemptions / Details |
| 23002535            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption | 6c                   |

| Ordering Information Table |                       |                |
|----------------------------|-----------------------|----------------|
| Item number                | Item description      | Packaging type |
| 23002535                   | 21_716-50-10-1/003_-Z | Bulk 10 pcs    |

| Suitable cables |                      |
|-----------------|----------------------|
| Cable group     | S39 - 10 mm / 50 Ohm |
| Suitable cables | S_10172_B-11         |
|                 | S_10162_B-11         |

| Additional Information |    |
|------------------------|----|
| Only as assembly       | No |

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22543157       | 75_Z-0-0-1       | Crimping tool |

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