

**COAXIAL CONNECTOR, TNC, 50 Ohm, Straight cable jack (female)**

21\_TNC-50-6-4/12-\_N

**Properties**

- Suitable for use with Eacon\_6C cable
- Applicable in frequencies up to 11 GHz
- Compliant with MIL-STD-348A/313 interface standard



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| TNC                   | jack   | IEC 60169-17_MIL-STD-348A/313_CECC 22200 |

| Interface and material data |                                |                                   |
|-----------------------------|--------------------------------|-----------------------------------|
| Piece parts                 | Material                       | Plating                           |
| Centre contact              | Copper Beryllium Alloy         | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                          | Nickel Plating                    |
| Body                        | Brass                          | Nickel Plating                    |
| Other body part             | Stainless Steel                |                                   |
| Insulator                   | PTFE (Polytetrafluoroethylene) |                                   |
| Gasket                      | VMQ (Silicone rubber)          |                                   |

| Electrical data     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 11 GHz      |

| Electrical Data (frequency related) |             |      |
|-------------------------------------|-------------|------|
| Frequency range                     | Return loss | VSWR |
| 0 GHz ... 6 GHz                     | 24.9 dB     | 1.12 |
| 6.01 GHz ... 11 GHz                 | 20.1 dB     | 1.22 |

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

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| Environmental data             |                   |
|--------------------------------|-------------------|
| Operation temperature          | -60 °C ... 165 °C |
| Ingress protection (IP Rating) | Mated / IP67      |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 85077749                   | 21_TNC-50-6-4/12-_NE | Single         |

| Suitable cables |                |
|-----------------|----------------|
| Cable group     | U96 - EACON_6C |
| Suitable cables | EACON_4C       |

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

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