

COAXIAL CONNECTOR, N, 50 Ohm, Straight cable jack (female)  
21\_N-50-23-10/003\_-

Properties

- Screwed coupling mechanism for sturdy and reliable connection
- IP rating (interface, mated) IP67
- Interface dimensions according IEC/MIL



| Product configuration |                                          |
|-----------------------|------------------------------------------|
| Gender                | Standard                                 |
| jack                  | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |

| Interface and material data |                     |                                |
|-----------------------------|---------------------|--------------------------------|
| Piece parts                 | Material            | Plating                        |
| Centre contact              | Bronze              | Silver Plating                 |
| Outer conductor             | Brass               | Silver Plating                 |
| Body                        | Brass               | Silver / SUCOPLATE (R) Plating |
| Insulator                   | PFA / PTFE          |                                |
| Coupling nut                | Brass               | SUCOPLATE (R) Plating          |
| Gasket                      | NR (Natural Rubber) |                                |

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 11 GHz |

| Electrical Data (frequency related) |             |       |
|-------------------------------------|-------------|-------|
| Frequency range                     | Return loss | VSWR  |
| 0 GHz ... 2.5 GHz                   | 30 dB       | 1.065 |

| Mechanical data            |           |
|----------------------------|-----------|
| Weight                     | 0.3071 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 |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 23000307                   | 21_N-50-23-10/003_-E | Single         |

| Suitable cables   |                                                         |
|-------------------|---------------------------------------------------------|
| Cable group       | M23 - 22 mm / 50 Ohm                                    |
| Suitable cables   | SUCOFEEED_7/8_FR                                        |
|                   | SUCOFEEED_7/8                                           |
| Additional cables | Heliac LDF5-50A, NK Cables RF 7/8-50, Cellflex LCF78-50 |

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

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