# Data Sheet

## Coaxial Cable Connector
## 16_QN-50-7-1/133_N

## Description

Right angle cable plug

Interface standards
QN QLF compliant



## Technical Data

### Electrical Data

| | | | |
|---|---|---|---|
| Impedance | 50 Ω | | |
| Interface frequency max. | 11 GHz | | |
| Frequency range | DC to 2 GHz | 2 to 4 GHz | 4 to 6 GHz |
| Return loss | 30 dB | 28 dB | 24 dB |

### Mechanical Data

| | |
|---|---|
| Centre contact | soldered |
| Outer contact | crimped |
| Weight | 0.0366 kg |

### Environmental Data

| | |
|---|---|
| Operating temperature | -40 °C to 125 °C |
| 2011/65/EU, RoHS | compliant |

### Material Data

| Piece Parts | Material | Surface Plating |
|---|---|---|
| Centre contact | Brass | SUCOPRO Plating |
| Outer contact | Brass | SUCOPLATE (R) Plating |
| Body | Brass | SUCOPLATE (R) Plating |
| Insulator | PFA / PTFE | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |
| Gasket | EPDM (Ethylene propylene diene rubber) | |
| Crimp ferrule | Copper | SUCOPLATE (R) Plating |

## Related Documents

| | |
|---|---|
| Outline drawing | DOU-00006246 |
| Catalogue drawing | DOU-00006248 |
| Assembly instruction | DOC-0000179449 |

## Ordering Information

| | |
|---|---|
| Single package | 16_QN-50-7-1/133_NE |

## Additional Information

| | |
|---|---|
| Suitable cables | ENVIROFLEX_393, RG_393_/U, RG_214_/U, GX_07272_D-04, RADOX_RF_214 |



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G032D/Nm/SMAm/1000 RG_196_A/U 1399.17.0231 24_SMA-50-2-15/111_NH 85201112 Minibend L-10 12012090 33_PC24-SK-50-2/199_NE 84093961 G032D/BNCm/BNCm/1000 23002145 6601_PC185-50-1/199_NE 84118385 PCRS_LCMX_LCMX_O421T_30.0_LL 12535682 22511964 6806.19.A MINIBEND R-10 MINIBEND R-8 11_SMC-50-2-10/111_NE 1399.17.0210 MINIBEND R-12 11MMBXEF31616MMBX/300 G_03130_HT-01 1399.31.0020 23000457 6620_SMA-50-2/199_NE RADOX 125 0.75 MMÂ² RED 11_TNC-50-3-116/133_NE 16_MMCX-50-2-4/111_OH