

# HUBER+SUHNER® DATA SHEET

## RF TERMINATION: Type 65\_QN-50-0-1/113\_N

Rev.: J



### Description

Standard Termination, Low Power

### Product Configuration

Connector QN plug (male)

Interface standard HUBER+SUHNER QN

### Technical Data

#### Electrical Data

|                           |                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Nominal impedance         | 50 $\Omega$                                                                                                                           |
| Frequency range           | DC to 6 GHz                                                                                                                           |
| Frequency sub range (GHz) | DC to 3      3 to 6                                                                                                                   |
| VSWR max.                 | 1.1      1.15                                                                                                                         |
| Power rating              | 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient temperature.<br>800 Watt peak power |

#### Mechanical Data

|         |           |
|---------|-----------|
| Weight  | 0.0195 kg |
| Matings | 100       |

#### Environmental Data

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| Operating temperature     | -40 °C to 85 °C                                                 |
| Water and dust resistance | IP 20 (according to IEC 60529, data refer to the coupled state) |
| 2002/95/EC (RoHS)         | compliant                                                       |

#### Material Data

| Piece Part     | Material | Surface Plating       |
|----------------|----------|-----------------------|
| Centre contact | Brass    | SUCOPRO Plating       |
| Outer contact  | Brass    | SUCOPRO Plating       |
| Body           | Brass    | SUCOPRO Plating       |
| Insulator      | PTFE     |                       |
| Coupling nut   | Brass    | SUCOPLATE (R) Plating |

### Related Documents

|                 |            |
|-----------------|------------|
| Outline drawing | On request |
|-----------------|------------|

### Ordering Information

|                  |                     |
|------------------|---------------------|
| Single packaging | 65_QN-50-0-1/113_NE |
|------------------|---------------------|



HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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