

DATA SHEET

Item no. PLU010613

Connector type
For cable

FM-RG11-CX3 7.5

Braun TeleCom KKL 1,6/7,2

Frequency Range

0.3 - 3000 MHz

Impedance (Nom.)

75

Amp. Rating (measured)
(calculated)

7,5 A @10°C increase

10,5 A @20°C increase

Transfer Impedance (CoMeT)

< 0,9 m/ m @ 5 30MHz

<0,04 m/ item @ 5 30MHz

Shielding Effectiveness(CoMeT)

130 dB @ 30-862MHz

All tests performed using instruments calibrated in accordance to our ISO 9001 certification.

Further technical specifications and installation instructions can be obtained on request.



Return Loss (IEC 61169-1)

(RF Analyzer HP 8714C)

| | Better than | Typical |
|-----------------|-------------|----------|
| 0.3 - 500 MHz | -37 dB | -39,5 dB |
| 500 - 860 MHz | -33 dB | -36,0 dB |
| 860 - 1000 MHz | -32 dB | -35,1 dB |
| 1000 - 1750 MHz | -29 dB | -31,7 dB |
| 1750 - 2150 MHz | -28 dB | -31,1 dB |
| 2150 - 3000 MHz | -25 dB | -27,5 dB |
| | | |
| | | |

Insertion Loss Max.

| | Better than | Typical |
|-----------------|-------------|----------|
| 0.3 - 500 MHz | -0,08 dB | -0,03 dB |
| 500 - 860 MHz | -0,09 dB | -0,04 dB |
| 860 - 1000 MHz | -0,09 dB | -0,04 dB |
| 1000 - 1750 MHz | -0,11 dB | -0,06 dB |
| 1750 - 2150 MHz | -0,11 dB | -0,06 dB |
| 2150 - 3000 MHz | -0,11 dB | -0,06 dB |
| | | |
| | | |

Temperature

Installing

Operating

Storing

| |
|----------------|
| -5° to +50° C |
| -40° to +70° C |
| -40° to +70° C |

Intermodulation

3rd Order (@2x1W)

IM3

IP3-value

| | |
|----------|---------|
| -120 dBc | +89 dBm |
|----------|---------|

Sealing Test

(IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance

(@500 VDC)

29,99 G

O-rings

EPDM

Dielectric Strength

DC Test Voltage

3,0 KV

Base Material

Body Parts Brass CuZn39Pb3 / Tin bronze / POM

Inner Conductor Brass CuZn36Pb3

Max. Tensile Strength

Overall

500 N

Plating

Body Parts

Inner Conductor

Nitin-6

Nitin-6

Torsional Strength

(Connector / Cable)

1,8 Nm

Insulators

PE / POM

Test performed by

Date of release

Sven-Erik Sandberg

August 02, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor: