

Item no.

Adapter type

| | |
|--|-------------------------|
| Frequency Range | 0.3 - 3000 MHz |
| Impedance (Nom.) | 75 Ω |
| Power Rating (measured) | 1,0 W |
| Transfer Impedance (CoMeT) | <0,9 mΩ/m @ 5-30MHz |
| | <0,02 mΩ/item @ 5-30MHz |
| Shielding Effectiveness (CoMeT) | 125 dB @ 30- 862MHz |
| | 115 dB @ 862-3000MHz |

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)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

| | Better than | Typical |
|-----------------|-------------|----------|
| 0.3 - 500 MHz | -32 dB | -36,6 dB |
| 500 - 860 MHz | -27 dB | -30,0 dB |
| 860 - 1000 MHz | -25 dB | -27,8 dB |
| 1000 - 1750 MHz | -16 dB | -19,3 dB |
| 1750 - 2150 MHz | -13 dB | -16,2 dB |
| 2150 - 3000 MHz | -8 dB | -11,2 dB |

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

| | Better than | Typical |
|-----------------|-------------|---------|
| 0.3 - 500 MHz | - dB | - dB |
| 500 - 860 MHz | - dB | - dB |
| 860 - 1000 MHz | - dB | - dB |
| 1000 - 1750 MHz | - dB | - dB |
| 1750 - 2150 MHz | - dB | - dB |
| 2150 - 3000 MHz | - dB | - dB |

Temperature

Installing
Operating
Storing

| | |
|------------|----------------|
| Installing | -5° to +50° C |
| Operating | -40° to +70° C |
| Storing | -40° to +70° C |

Intermodulation

3rd Order (@2x100mW)

| IM3 | IP3-value |
|----------|-----------|
| -145 dBc | +92 dBm |

Inner Conductor Resistance

(@ 1 A DC)

| |
|--------|
| - mOhm |
|--------|

Sealing Test *

(IEC IP-code)

| |
|--------------------------|
| IP X8 30 meter / 8 hours |
|--------------------------|

Insulation Resistance

(@ 500 VDC)

| |
|------|
| - GΩ |
|------|

O-rings

| |
|------|
| EPDM |
|------|

Dielectric Strength

DC Test Voltage

| |
|------|
| - KV |
|------|

Base Material

Body Parts
Inner Conductor

| |
|------------------------------------|
| Brass CuZn39Pb3 |
| Brass CuZn39Pb3 / Beryllium copper |

Max. Tensile Strength

Overall

| |
|-----|
| - N |
|-----|

Plating

Body Parts
Inner Conductor

| |
|---------------|
| Nitin-6 |
| Nitin-6 / Tin |

Torsional Strength

(Connector / Cable)

| |
|------|
| - Nm |
|------|

Insulators

| |
|----|
| PE |
|----|

Test performed by

Date of release

| |
|--------------------|
| Sven-Erik Sandberg |
| June 30, 2008 |

Remarks

* Mounted with M14 NUT + O-RING F. CX3+CRIMP 99900570-01

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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