

# DATA SHEET

Item no.

Connector type   
 For cable

|                                 |                       |
|---------------------------------|-----------------------|
| Frequency Range                 | 0.3 - 3000 MHz        |
| Impedance (Nom.)                | 75 Ω                  |
| Amp. Rating                     | 3 A                   |
| Transfer Impedance (CoMeT)      | <5 mΩ/m @ 5-30MHz     |
|                                 | 0,2 mΩ/con. @ 5-30MHz |
| Shielding Effectiveness (CoMeT) | 98 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 169.1.1)  
 (RF Analyzer HP 8719D / 8714C)

|                 | Better than | Typical  |
|-----------------|-------------|----------|
| 0.3 - 500 MHz   | -24 dB      | -27,2 dB |
| 500 - 860 MHz   | -20 dB      | -22,5 dB |
| 860 - 1000 MHz  | -19 dB      | -21,2 dB |
| 1000 - 1750 MHz | -14 dB      | -17,5 dB |
| 1750 - 2150 MHz | -13 dB      | -16,5 dB |
| 2150 - 3000 MHz | -12 dB      | 15,9 dB  |
|                 |             |          |
|                 |             |          |

Insertion Loss Max.

|                 | Better than | Typical  |
|-----------------|-------------|----------|
| 0.3 - 500 MHz   | -0,07 dB    | -0,03 dB |
| 500 - 860 MHz   | -0,10 dB    | -0,06 dB |
| 860 - 1000 MHz  | -0,12 dB    | -0,08 dB |
| 1000 - 1750 MHz | -0,16 dB    | -0,12 dB |
| 1750 - 2150 MHz | -0,17 dB    | -0,13 dB |
| 2150 - 3000 MHz | -0,21 dB    | -0,17 dB |
|                 |             |          |
|                 |             |          |

Temperature

|            |                 |
|------------|-----------------|
| Installing | -5° to +50° C   |
| Operating  | -40° to +100° C |
| Storing    | -40° to +100° C |

Intermodulation

|                                |                |                     |
|--------------------------------|----------------|---------------------|
| 3rd Order Product (@<br>.....) | IM3<br>125 dBc | IP3-value<br>92 dBm |
|--------------------------------|----------------|---------------------|

Insulation Resistance  
 (@ 500 V)

|         |
|---------|
| >200 GΩ |
|---------|

Inner Conductor  
 Resistance max. @ 1 A DC

|        |
|--------|
| 1,4 mΩ |
|--------|

Max. Tensile Strength  
 Overall

|       |
|-------|
| 220 N |
|       |
|       |

Base Material

|            |                               |
|------------|-------------------------------|
| Body Parts | Brass CuZn39Pb3               |
| Inner      | Tin Bronze / Beryllium copper |

Plating

|            |         |
|------------|---------|
| Body Parts | Nitin-6 |
| Inner      | Nitin-6 |

Dielectric Strength  
 AC Test Voltage

|        |
|--------|
| 2,0 KV |
|--------|

O-rings

|  |
|--|
|  |
|--|

Test performed by

|                    |
|--------------------|
| Sven-Erik Sandberg |
|--------------------|

Insulators

|        |
|--------|
| Delrin |
|--------|

Date of release

|              |
|--------------|
| May 25, 2012 |
|--------------|

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors

Corning Cabelcon A/S, Industriparken 10, DK 4760 Vordingborg  
 Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04  
 E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk

Rev. 020403