

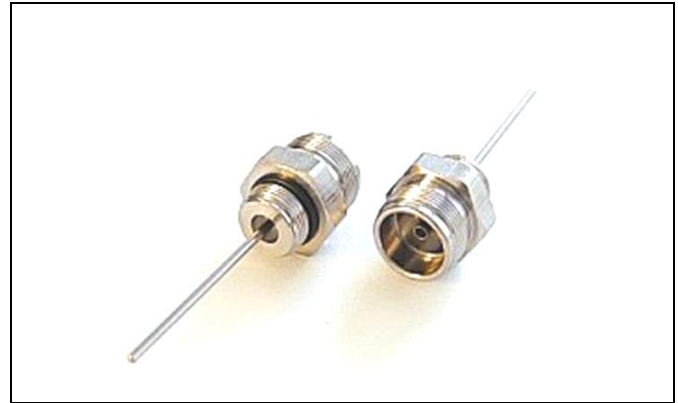
Item no.

**Frequency Range**  
**Impedance (Nom.)**

|                                |
|--------------------------------|
| 0.3 - 3000 MHz                 |
| 75 Ω                           |
| 10,0 A @10°C increase          |
| 14,1 A @20°C increase          |
| (calculated)                   |
| Transfer Impedance (CoMeT)     |
| <0,9 mΩ/m @ 5-30MHz            |
| <0,1 mΩ/con. @ 5-30MHz         |
| Shielding Effectiveness(CoMeT) |
| >105 dB @ 30-1000MHz           |
| >90 dB @ 1000-3000MHz          |

(calculated)  
Transfer Impedance (CoMeT)  
Shielding Effectiveness(CoMeT)

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)**  
(Rhode und Schwarz ZVB-8)

|                 | Better than | Typical  |
|-----------------|-------------|----------|
| 0.3 - 500 MHz   | -38 dB      | -40,8 dB |
| 500 - 860 MHz   | -29 dB      | -31,9 dB |
| 860 - 1000 MHz  | -27 dB      | -29,6 dB |
| 1000 - 1750 MHz | -18 dB      | -21,3 dB |
| 1750 - 2150 MHz | -17 dB      | -20,0 dB |
| 2150 - 3000 MHz | -17 dB      | -20,0 dB |
|                 |             |          |
|                 |             |          |

**Insertion Loss Max.**

|                 | Better than | Typical  |
|-----------------|-------------|----------|
| 0.3 - 500 MHz   | -0,09 dB    | -0,04 dB |
| 500 - 860 MHz   | -0,10 dB    | -0,05 dB |
| 860 - 1000 MHz  | -0,11 dB    | -0,06 dB |
| 1000 - 1750 MHz | -0,17 dB    | -0,12 dB |
| 1750 - 2150 MHz | -0,20 dB    | -0,15 dB |
| 2150 - 3000 MHz | -0,21 dB    | -0,16 dB |
|                 |             |          |
|                 |             |          |

**Temperature**  
Installing  
Operating  
Storing

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

**Intermodulation**  
3rd Order (@2x+43dBm)

| IM3      | IP3-value |
|----------|-----------|
| -150 dBc | +118 dBm  |

**Inner Conductor Resistance**  
(@ 1 A DC)

|         |
|---------|
| <0,6 mΩ |
|---------|

**Sealing Test**  
(IEC IP-code)

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

**Insulation Resistance**  
(@ 500 VDC)

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

**O-rings**

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

**Dielectric Strength**  
DC Test Voltage

|         |
|---------|
| >4,0 KV |
|---------|

**Base Material**

|                 |                 |
|-----------------|-----------------|
| Body Parts      | Brass CuZn39Pb3 |
| Inner Conductor | Tin Bronze BZ4  |

**Plating**

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

**Insulators**

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

**Test performed by**  
**Date of release**

|                   |
|-------------------|
| Søren B. Sørensen |
| June 07, 2011     |

Remarks