

# DATA SHEET

Item no.

Connector type   
For cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	5,0 A @10°C increase
(calculated)	7,0 A @20°C increase
Transfer Impedance (CoMeT)	<2,5 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	130 dB @ 30-1000MHz
	130 dB @ 1000-3000MHz



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)  
(Rhode und Schwarz ZVB-8)

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

	Better than	Typical
	-35 dB	-38,2 dB
	-31 dB	-33,6 dB
	-29 dB	-32,3 dB
	-28 dB	-29,2 dB
	-25 dB	-28,0 dB
	-24 dB	-26,5 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
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB

Temperature  
Installing  
Operating  
Storing

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

Intermodulation  
3rd Order (@2\*600mW)  
  
Inner Conductor Resistance  
(@ 1 A DC)

IM3	IP3-value
-150 dBc	+103 dBm
<input type="text" value="1,3 mΩ"/>	

Sealing Test  
(IEC IP-code)

IP X8 1 meter / 24 hours
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Insulation Resistance  
(@ 500 VDC)

>200 GΩ
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O-rings

EPDM
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Dielectric Strength  
DC Test Voltage

3,0 KV
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Base Material

Body Parts	Phos.Bronze / Brass CuZn39Pb3
Inner Conductor	Brass

Max. Tensile Strength  
Overall

450 N
45,9 Kgf

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength  
(Connector / Cable)

450 Nm
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Insulators

PE
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Test performed by  
Date of release

Troels V. Kristensen
March 14, 2010

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors

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