

Item no. 55021200

Connector type FF-12 CHASSIS  
ACCEPTS PIN Ø 0.5-1.2mm  
For cable Draka Coax6 CT 17 S

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	4,0 A @10°C increase
(calculated)	5,5 A @20°C increase
<b>Transfer Impedance</b> (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,06 mΩ/item @ 5-30MHz
<b>Shielding Effectiveness</b> (CoMeT)	125 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	-38 dB	-41,2 dB
500 - 860 MHz	-33 dB	-36,4 dB
860 - 1000 MHz	-32 dB	-34,9 dB
1000 - 1750 MHz	-27 dB	-29,6 dB
1750 - 2150 MHz	-25 dB	-27,8 dB
2150 - 3000 MHz	-22 dB	-25,8 dB

**Insertion Loss Max.**

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-0,07 dB	-0,02 dB
1750 - 2150 MHz	-0,08 dB	-0,03 dB
2150 - 3000 MHz	-0,09 dB	-0,04 dB

**Temperature**

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

**Intermodulation**

3rd Order (@2x2W)	<b>IM3</b>	<b>IP3-value</b>
	-155 dBc	+110 dBm

**Inner Conductor Resistance**

@ 1 A DC	2,3 mΩ
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**Sealing Test**

(IEC IP-code)	IP X8 30 meter / 8 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 KV
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**Base Material**

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3 / Tin bronze

**Max. Tensile Strength**

Overall	1100 N
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**Plating**

Body Parts	Nitin-6
Inner Conductor	Nitin-6

**Torsional Strength**

(Connector / Cable)	1,5 Nm
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**Insulators**

PE / PP with Glass
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**Test performed by**

Troels V. Kristensen
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**Date of release**

August 31, 2007
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**Remarks**

ISO 9001:2000 / ISO 14001 certified

Distributor: