

<b>Item no.</b>	87535900	<b>Connector type</b>	FM-5/8F

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	8,0 A @10°C increase
(calculated)	11,3 A @20°C increase
<b>Transfer Impedance</b> (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,03 mΩ/con. @ 5-30MHz
<b>Shielding Effectiveness</b> (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	-40 dB	-43,0 dB
500 - 860 MHz	-39 dB	-42,2 dB
860 - 1000 MHz	-33 dB	-36,2 dB
1000 - 1750 MHz	-21 dB	-23,5 dB
1750 - 2150 MHz	-18 dB	-20,9 dB
2150 - 3000 MHz	-17 dB	-20,3 dB

	Better than	Typical
0.3 - 500 MHz	-40 dB	-43,0 dB
500 - 860 MHz	-39 dB	-42,2 dB
860 - 1000 MHz	-33 dB	-36,2 dB
1000 - 1750 MHz	-21 dB	-23,5 dB
1750 - 2150 MHz	-18 dB	-20,9 dB
2150 - 3000 MHz	-17 dB	-20,3 dB

**Insertion Loss Max.**

0.3 - 500 MHz	-0,13 dB	-0,08 dB
500 - 860 MHz	-0,16 dB	-0,11 dB
860 - 1000 MHz	-0,18 dB	-0,13 dB
1000 - 1750 MHz	-0,26 dB	-0,21 dB
1750 - 2150 MHz	-0,30 dB	-0,25 dB
2150 - 3000 MHz	-0,34 dB	-0,29 dB

	Better than	Typical
0.3 - 500 MHz	-0,13 dB	-0,08 dB
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**Temperature**

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

**Intermodulation**

3rd Order (@2x0,5W)

IM3	IP3-value
-157 dBc	+105 dBm

**Inner Conductor Resistance**

@ 1 A DC	2,1 mΩ
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**Sealing Test**

(IEC IP-code)	-
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**Insulation Resistance**

@ 500 VDC	>200 GΩ
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**O-rings**

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**Dielectric Strength**

DC Test Voltage	2,0 KV
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**Base Material**

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze BZ4

**Max. Tensile Strength**

Overall	N/A
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**Plating**

Body Parts	Nitin-6
Inner Conductor	Nitin-6

**Torsional Strength**

(Connector / Cable)	N/A
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**Insulators**

PE / POM
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**Test performed by**

Sven-Erik Sandberg
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**Date of release**

June 09, 2011
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**Remarks**

ISO 9001:2008 / ISO 14001 certified

**Distributor:**