

Item no. <b>99909484</b>	Connector type <b>IECM-56-CX3 4,9</b>
	For cable <b>Draka Coax 10 AD 10 S</b>

Frequency Range	<b>0.3 - 3000 MHz</b>
Impedance (Nom.)	<b>75 Ω</b>
Amp. Rating	<b>3 A</b>
Transfer Impedance (CoMeT)	<b>7,2 mΩ/m @ 5-30MHz</b>
	<b>0,2 mΩ/con. @ 5-30MHz</b>
Shielding Effectiveness (CoMeT)	<b>98 dB @ 30-862MHz</b>

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	-22,5 dB	-25,4 dB
500 - 860 MHz	-18,0 dB	-21,4 dB
860 - 1000 MHz	-17,0 dB	-20,3 dB
1000 - 1750 MHz	-13,5 dB	-17,3 dB
1750 - 2150 MHz	-12,5 dB	-16,4 dB
2150 - 3000 MHz	-11,0 dB	-13,9 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,15 dB	-0,10 dB
500 - 860 MHz	-0,20 dB	-0,15 dB
860 - 1000 MHz	-0,20 dB	-0,16 dB
1000 - 1750 MHz	-0,33 dB	-0,28 dB
1750 - 2150 MHz	-0,43 dB	-0,38 dB
2150 - 3000 MHz	-0,70 dB	-0,65 dB

Temperature

Installing	<b>-5° to +50° C</b>
Operating	<b>-40° to +100° C</b>
Storing	<b>-40° to +100° C</b>

Intermodulation

3rd Order Product (2x100mW)	<b>IM3</b>	<b>IP3-value</b>
	<b>120 dBc</b>	<b>+80 dBm</b>

Insulation Resistance  
(@ 500 V)

<b>&gt;200 GΩ</b>
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Sealing Test

<b>see remarks</b>
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Inner Conductor

Resistance max. @ 1 A DC	<b>1,2 mΩ</b>
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Max. Tensile Strength  
Overall

<b>275 N</b>

Base Material

Body Parts	<b>Brass CuZn39Pb3</b>
Inner	<b>Brass CuZn39Pb3 / Beryllium copper</b>

Plating

Body Parts	<b>Nitin-6</b>
Inner	<b>Nitin-6</b>

Dielectric Strength  
AC Test Voltage

<b>2,0 KV</b>
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Test performed by

<b>Troels V. Kristensen</b>
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Insulators

<b>Delrin</b>
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Date of release

<b>February 20, 2004</b>
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Remarks

Water tightness and better Screening results can be achieved with accessory 99900570, which contains M14 nut and O-ring. Datasheet with this combination is available on request.

ISO 9001 certified

Distributor:

