

Item no. 99901450

Connector type F-56-UNIV 5.1/8.8  
For cable Draka Coax9 AD 11 S

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	Cable data
(calculated)	Cable data
<b>Transfer Impedance</b> (CoMeT)	<4,0 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
<b>Shielding Effectiveness</b> (CoMeT)	>120 dB @ 30-1000MHz
	>110 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)  
(RF Analyzer HP 8714C)

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

	Better than	Typical
0.3 - 500 MHz	-35 dB	-37,7 dB
500 - 860 MHz	-30 dB	-32,7 dB
860 - 1000 MHz	-29 dB	-31,4 dB
1000 - 1750 MHz	-23 dB	-25,2 dB
1750 - 2150 MHz	-23 dB	-25,2 dB
2150 - 3000 MHz	-19 dB	-20,1 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
0.3 - 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	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,09 dB	-0,04 dB

**Temperature**

Installing  
Operating  
Storing

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

**Intermodulation**

3rd Order (@2x100mW)

IM3	IP3-value
-150 dBc	+95 dBm

**Inner Conductor Resistance**

(@ 1 A DC)

Cable data

**Sealing Test**

(IEC IP-code)

-

**Insulation Resistance**

(@ 500 VDC)

Cable data

**O-rings**

-

**Dielectric Strength**

DC Test Voltage

Cable data

**Base Material**

Body Parts  
Inner Conductor

Brass CuZn39Pb3  
-

**Max. Tensile Strength**

Overall

300 N

**Plating**

Body Parts  
Inner Conductor

Nitin-6  
-

**Torsional Strength**

(Connector / Cable)

\* NATM

**Insulators**

-

**Test performed by**

**Date of release**

Troels V. Kristensen  
May 31, 2010

**Remarks**

\* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors

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