

Item no. **99909691**

Connector type **90-IECF-56 5.1 SELF INSTALL**
For cable **Draka Coax9 AD11S**

Frequency Range **0.3 - 3000 MHz**
Impedance (Nom.) **75 Ω**
Amp. Rating (measured) **7,0 A @10°C increase**
(calculated) **9,8 A @20°C increase**

Product photo



Transfer Impedance (CoMeT) **Class A**
<5 mΩ/m @ 5-30MHz
<0,8 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT) **Class A**
>85 dB @ 30-1000MHz
>80 dB @ 1000-3000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-15 dB	-17,9 dB
500 - 860 MHz	-11 dB	-13,9 dB
860 - 1000 MHz	-10 dB	-12,8 dB
1000 - 1750 MHz	-7 dB	-9,7 dB
1750 - 2150 MHz	-6 dB	-8,8 dB
2150 - 3000 MHz	-3 dB	-5,8 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0,21 dB	-0,16 dB
500 - 860 MHz	-0,37 dB	-0,32 dB
860 - 1000 MHz	-0,52 dB	-0,47 dB
1000 - 1750 MHz	-0,95 dB	-0,90 dB
1750 - 2150 MHz	-1,14 dB	-1,09 dB
2150 - 3000 MHz	-2,08 dB	-2,03 dB

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

Intermodulation
3rd Order (@2x100mW) **IM3 -123 dBc** **IP3-value +81 dBm**

Inner Conductor Resistance
(@ 1 A DC) **2,5 mΩ**

Sealing Test
(IEC IP-code) **-**

Insulation Resistance
(@ 500 VDC) **>200 GΩ**

O-rings **-**

Dielectric Strength
DC Test Voltage **>3,5 KV**

Base Material
Body Parts **Brass CuZn39Pb3 / POM**
Inner Conductor **Brass CuZn39Pb3 / Beryllium copper**

Max. Tensile Strength
Overall **15,0 Kgf**
147 N

Plating
Body Parts **Nitin-6 / Nickel**
Inner Conductor **Nitin-6 / Nickel**

Torsional Strength
(Connector / Cable) **1 Nm**

Insulators **POM**

Test performed by **Sven-Erik Sandberg**
Date of release **August 13, 2012**

Remarks

*All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
Further technical specifications and installation instructions can be obtained on request.*