


Item no.	99909692		Connector type	90-IECM-56 5.1 SELF INSTALL	
			For cable	Draka Coax 9 AD11S	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	7.0 A @10°C increase				
(calculated)	9.8 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+				
	<2.5 mΩ/m @ 5-30MHz				
	<0.12 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>115 dB @ 30-1000MHz				
	>110 dB @ 1000-2000MHz				
	>110 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-20 dB	-22.6 dB	0.3 - 500 MHz	-0.17 dB	-0.12 dB
500 - 860 MHz	-16 dB	-18.8 dB	500 - 860 MHz	-0.27 dB	-0.22 dB
860 - 1000 MHz	-15 dB	-17.8 dB	860 - 1000 MHz	-0.31 dB	-0.26 dB
1000 - 1750 MHz	-14 dB	-16.5 dB	1000 - 1750 MHz	-0.50 dB	-0.45 dB
1750 - 2150 MHz	-13 dB	-16.0 dB	1750 - 2150 MHz	-0.61 dB	-0.56 dB
2150 - 3000 MHz	-10 dB	-12.9 dB	2150 - 3000 MHz	-0.73 dB	-0.68 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-123 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	2.5 mΩ	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	>200 GΩ	
(IEC IP-code)	-		(@ 500 VDC)		
O-rings	-		Dielectric Strength	>2.0 KV	
			DC Test Voltage		
Base Material			Max. Tensile Strength	25.0 Kgf	
Body Parts	Brass CuZn39Pb3 / POM		Overall	245 N	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper				
Plating			Torsional Strength	* NATM	
Body Parts	Nitin-6 / Nickel		(Connector / Cable)		
Inner Conductor	Nitin-6 / Nickel		Test performed by	Sven-Erik Sandberg	
Insulators	POM		Date of release	June 16, 2015	

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

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