

Frequency Range	0.3 - 3000 MHz	Connector type	90-IECM-56 5.1 SELF INSTALL
Impedance (Nom.)	75 Ω	For cable	Draka Coax9 AD11S
Amp. Rating (measured)	7,0 A @10°C increase		
(calculated)	9,8 A @20°C increase		
Transfer Impedance (CoMeT)	Class A	Product photo	
	<5 m Ω /m @ 5-30MHz		
	<0,8 m Ω /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	-20 dB	-22,6 dB	
500 - 860 MHz	-16 dB	-18,8 dB	
860 - 1000 MHz	-15 dB	-17,8 dB	
1000 - 1750 MHz	-14 dB	-16,5 dB	
1750 - 2150 MHz	-13 dB	-16,0 dB	
2150 - 3000 MHz	-10 dB	-12,9 dB	
Insertion Loss Max.		Better than	Typical
0.3 - 500 MHz		-0,17 dB	-0,12 dB
500 - 860 MHz		-0,27 dB	-0,22 dB
860 - 1000 MHz		-0,31 dB	-0,26 dB
1000 - 1750 MHz		-0,50 dB	-0,45 dB
1750 - 2150 MHz		-0,61 dB	-0,56 dB
2150 - 3000 MHz		-0,73 dB	-0,68 dB
Intermodulation		IM3	IP3-value
3rd Order (@2x100mW)		-123 dBc	+81 dBm
Inner Conductor Resistance (@ 1 A DC)		2,5 m Ω	
Insulation Resistance (@ 500 VDC)		>200 G Ω	
Dielectric Strength			
DC Test Voltage		>2,0 KV	
Max. Tensile Strength			
Overall		15,0 Kgf	
		147 N	
Torsional Strength (Connector / Cable)		1 Nm	
Test performed by		Troels V. Kristensen	
Date of release		September 06, 2012	
Temperature			
Installing	-5° to +50° C		
Operating	-40° to +70° C		
Storing	-40° to +70° C		
Sealing Test (IEC IP-code)			
O-rings	-		
Base Material			
Body Parts	Brass CuZn39Pb3 / POM		
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper		
Plating			
Body Parts	Nitin-6 / Nickel		
Inner Conductor	Nitin-6 / Nickel		
Insulators	POM		