


Item no.	99909553-01		Connector type	F SC-56-CX3 5.1 SHORT	
			For cable	Draka Coax 9 AD 11 S	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	Cable data				
(calculated)	Cable data				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.02 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>110 dB @ 30-1000MHz				
	>105 dB @ 1000-2000MHz				
	>100 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-36 dB	-38.8 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-36 dB	-38.8 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-36 dB	-38.8 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-36 dB	-38.8 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-36 dB	-38.8 dB	1750 - 2150 MHz	-0.07 dB	-0.02 dB
2150 - 3000 MHz	-31 dB	-34.3 dB	2150 - 3000 MHz	-0.07 dB	-0.02 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-150 dBc	
Operating	-40° to +100° C		Inner Conductor Resistance	Cable data	
Storing	-40° to +100° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	Cable data	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	**		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	30.6 Kgf	
Body Parts	Brass CuZn39Pb3 / POM / CuBe2		Overall	300 N	
Inner Conductor	Cable data				
Plating			Torsional Strength	* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Cable data		Test performed by	Sven-Erik Sandberg	
Insulators	Cabel data		Date of release	September 10, 2015	

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.
 ** Sealing: IP X8 1 Meter / 24 Hours with Item nr. 99900902 (SEAL RING 1/2" FOR F CONN)

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