


Item no.	99909523		Connector type	F SC-59-CX3 3.9 SHORT	
			For cable	Draka 0,8/3,7 AFB 80% PVC	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	Cable data				
(calculated)	Cable data				
Transfer Impedance (CoMeT)	Class A+				
	<2.5 mΩ/m @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A+				
	>100 dB @ 30-1000MHz				
	>85 dB @ 1000-3000MHz				
Return Loss	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-43 dB	-46,0 dB	0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-42 dB	-45,4 dB	500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-42 dB	-45,3 dB	860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-40 dB	-42,6 dB	1000 - 1750 MHz	-0,06 dB	-0,01 dB
1750 - 2150 MHz	-37 dB	-40,0 dB	1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-37 dB	-40,0 dB	2150 - 3000 MHz	-0,07 dB	-0,02 dB
Temperature			Intermodulation	IM3	IP3-value
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-152 dBc	+103 dBm
Operating	-40° to +100° C				
Storing	-40° to +100° C		Inner Conductor Resistance	Cable data	
			(@ 1 A DC)		
Sealing Test			Insulation Resistance	Cable data	
(IEC IP-code)	-		(@ 500 VDC)		
O-rings	-		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	Cable data	
Body Parts	Brass CuZn39Pb3 / POM / CuBe2		Overall	300 N	
Inner Conductor	-			30,6 Kgf	
Plating			Torsional Strength	* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	-				
Insulators	-		Test performed by	Søren B. Sørensen	
			Date of release	January 13, 2012	

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.
 ** 1meter@ 24 hours with SEAL RING 1/2" FOR F CONN(99900902).

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