


Item no.	99909441-01		Connector type	F-56-CX3 4.9	
			For cable	Hansen RG6T77 J W FRPVC	
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				
	<5 mΩ/m @ 5-30MHz				
	0,13 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A				
	>85 dB @ 30-1000MHz				
	>75 dB @ 1000-2000MHz				
	>65 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-34 dB	-37.3 dB	0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-34 dB	-37.3 dB	500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-34 dB	-37.3 dB	860 - 1000 MHz	-0.08 dB	-0.03 dB
1000 - 1750 MHz	-34 dB	-37.3 dB	1000 - 1750 MHz	-0.08 dB	-0.03 dB
1750 - 2150 MHz	-34 dB	-37.3 dB	1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-29 dB	-33.8 dB	2150 - 3000 MHz	-0.09 dB	-0.04 dB
Temperature			Intermodulation		
Installing	-5° to +50° C		3rd Order (@2x+20dBm)	-141 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance	Cable data	
			(@ 1 A DC)		
Sealing Test			Insulation Resistance	Cable data	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	Cable data	
Body Parts	Brass CuZn39Pb3		Overall	>35,2 Kgf	
Inner Conductor	Cable data			>345 N	
Plating			Torsional Strength	* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Cable data				
Insulators	POM		Test performed by	Susanne Lindharth	
			Date of release	April 16, 2018	
Remarks	* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.				

Connector designed according to the standard IEC 61169-4 (type 7 - 16)
 All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
 Further technical specifications and installation instructions can be obtained on request.