


Item no.	99909475-02		Connector type	BNCM-56-CX3 4.9	
			For cable	Belden 1694A	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	3.0 A @10°C increase				
(calculated)	4.2 A @20°C increase				
Transfer Impedance (CoMeT)	Class A				
	<5.0 mΩ/m @ 5-30MHz				
	<0.24 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A				
	>90 dB @ 30-1000MHz				
	>85 dB @ 1000-2000MHz				
	>85 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-39 dB	-41.5 dB	0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-36 dB	-38.8 dB	500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-34 dB	-37.3 dB	860 - 1000 MHz	-0.09 dB	-0.04 dB
1000 - 1750 MHz	-28 dB	-30.9 dB	1000 - 1750 MHz	-0.13 dB	-0.08 dB
1750 - 2150 MHz	-25 dB	-28.0 dB	1750 - 2150 MHz	-0.14 dB	-0.09 dB
2150 - 3000 MHz	-21 dB	-24.4 dB	2150 - 3000 MHz	-0.17 dB	-0.12 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-90 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	1.6 mΩ	
Sealing Test (IEC IP-code)	N/A		Insulation Resistance (@ 500 VDC)	>200 GΩ	
O-rings	-		Dielectric Strength DC Test Voltage	2.0 KV	
Base Material			Max. Tensile Strength Overall	400 N	
Body Parts	Brass CuZn39Pb3 / Copper / SWPA				
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper				
Plating			Torsional Strength (Connector / Cable)	* NATM	
Body Parts	Nitin-6				
Inner Conductor	Nitin-6 / Tin				
Insulators	POM / PE		Test performed by	Sven-Erik Sandberg	
			Date of release	September 27, 2013	
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.