


Item no.	PLU010612		Connector type	BNQM-59-CX3 3.9	
			For cable	CAEHD 08370 LSZH	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75				
Amp. Rating (measured)	3.0 A @10°C increase				
(calculated)	4.2 A @20°C increase				
Screening Attenuation(CoMeT)			Class A		
			90 dB @ 30-1000MHz		
			90 dB @ 1000-3000MHz		
Return Loss	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-30 dB	-32.7 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-29 dB	-32.3 dB	500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-29 dB	-32.2 dB	860 - 1000 MHz	-0.07 dB	-0.02 dB
1000 - 1750 MHz	-27 dB	-30.4 dB	1000 - 1750 MHz	-0.08 dB	-0.03 dB
1750 - 2150 MHz	-24 dB	-27.3 dB	1750 - 2150 MHz	-0.09 dB	-0.04 dB
2150 - 3000 MHz	-19 dB	-22.3 dB	2150 - 3000 MHz	-0.13 dB	-0.08 dB
Temperature			Intermodulation	IM3	IP3-value
Installing	-5° to +50° C		3rd Order (@2x100mW)	-150 dBc	95 dBm
Operating	-40° to +70° C		Inner Conductor Resistance		
Storing	-40° to +70° C		(@ 1 A DC)	0.8	
Sealing Test			Insulation Resistance		
(IEC IP-code)	-		(@ 500 VDC)	>200 G	
O-rings	EPDM		Dielectric Strength		
			DC Test Voltage	2.0 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3 / Copper / Bronze / SWPA		Overall	32.0 Kgf	
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper			314 N	
Plating			Torsional Strength		
Body Parts	Nitin-6 / Nickel		(Connector / Cable)	*	
Inner Conductor	Nitin-6 / Tin		Test performed by	Sven-Erik Sandberg	
Insulators	POM / PE		Date of release	February 07, 2012	
Remarks	* Not rotational by hand.				

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