


Item no.	99909475-04		Connector type	BNCM-6-TD 4-9	
			For cable	280050	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	3.0 A @10°C increase				
(calculated)	4.2 A @20°C increase				
Screening (Smoothing 2.5%) (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	-28 dB	-34.5 dB	0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-27 dB	-32.9 dB	500 - 860 MHz	-0.08 dB	-0.03 dB
860 - 1000 MHz	-26 dB	-32.9 dB	860 - 1000 MHz	-0.08 dB	-0.03 dB
1000 - 1750 MHz	-23 dB	-28.8 dB	1000 - 1750 MHz	-0.14 dB	-0.09 dB
1750 - 2150 MHz	-22 dB	-27.3 dB	1750 - 2150 MHz	-0.17 dB	-0.12 dB
2150 - 3000 MHz	-20 dB	-25.3 dB	2150 - 3000 MHz	-0.25 dB	-0.20 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x0,5W)	-155 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<1.5 mΩ	
Storing	-40° to +70° C		@ 1 A DC)		
Sealing Test (IEC IP-code)			Insulation Resistance	(> 200 GΩ	
			@ 500 VDC)		
O-rings			Dielectric Strength	(> 2.5 KV	
			DC Test Voltage)		
Base Material			Max. Tensile Strength	(> 26 Kgf	
Body Parts	Brass		Overall)	(> 255 N	
Inner Conductor	Beryllium copper				
Plating			Torsional Strength	(* NATM	
Body Parts	Nitin		(Connector / Cable)		
Inner Conductor	Nitin		Test performed by	Susanne Lindharth	
			Approved by	Søren Baldus-Kunze	
Insulators	POM / PE		Date of release	June 07, 2021	
Remarks	<p>* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. Tensile strength can be limited by the strength of the cable. Please refer to the cable data.</p> <p>Connector designed according to the standard IEC 61169-8 (type BNC) All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.</p>				