


Item no.	76020103		Connector type	NM/50-201/50 WB/PIN	
			For cable	CommScope 3227 type III RG 8	
Frequency Range	50-5000 MHz		Product photo		
Impedance (Nom.)	50 Ω				
(CoMeT)					
Screening Attenuation(CoMeT)	Class A				
	100 dB @ 30-1000MHz				
	85 dB @ 1000-2000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
50-1000 MHz	-28 dB	-31,1 dB	50-1000 MHz	-0,07 dB	-0,02 dB
1000-2000 MHz	-21 dB	-23,7 dB	1000-2000 MHz	-0,13 dB	-0,08 dB
2000-3000 MHz	-18 dB	-20,7 dB	2000-3000 MHz	-0,14 dB	-0,09 dB
3000-5000 MHz	-14 dB	-16,8 dB	3000-5000 MHz	-0,25 dB	-0,20 dB
900 MHz	-28 dB	-31,4 dB	900 MHz	-0,06 dB	-0,01 dB
1800 MHz	-23 dB	-26,1 dB	1800 MHz	-0,12 dB	-0,07 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-110 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	0,4 mΩ	
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)	>200 GΩ	
O-rings	EPDM		Dielectric Strength DC Test Voltage	3,0 KV	
Base Material			Max. Tensile Strength Overall	Kgf	
Body Parts	Brass CuZn39Pb3 / PS2			770 N	
Inner Conductor	Brass CuZn39Pb3				
Plating			Torsional Strength (Connector / Cable)	1,5 Nm	
Body Parts	Nitin-6				
Inner Conductor	White Bronze		Test performed by	Søren Baldus-Kunze	
			Approved by	Susanne Lindharth	
Insulators	PP with Glass / TPX		Date of release	July 30, 2021	
Remarks	* 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.				