

Item no.	99540055	Connector type	90-IECM-56UNIV 4.9/8.8 .360"
		For cable	Belden H126 Doubond Plus® PVC
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ohm		
Amp. Rating (measured)	3.5 A @10°C increase		
(calculated)	4.9 A @20°C increase		
Screening Attenuation(CoMeT)			
	>90 dB @ 30-1000MHz		
	>85 dB @ 1000-3000MHz		
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.
0.3 - 500 MHz	-18 dB	-21.2 dB	0.3 - 500 MHz
500 - 860 MHz	-15 dB	-18.4 dB	500 - 860 MHz
860 - 1000 MHz	-15 dB	-17.5 dB	860 - 1000 MHz
1000 - 1750 MHz	-14 dB	-16.6 dB	1000 - 1750 MHz
1750 - 2150 MHz	-11 dB	-13.9 dB	1750 - 2150 MHz
2150 - 3000 MHz	-8 dB	-10.8 dB	2150 - 3000 MHz
Temperature			
Installing	-5° to +50° C	Intermodulation	IM3
Operating	-40° to +70° C	3rd Order (@2x100mW)	IP3-value
Storing	-40° to +70° C		-120 dBc
		Inner Conductor Resistance	+80 dBm
		(@ 1 A DC)	4.5 mΩ
Sealing Test		Insulation Resistance	
(IEC IP-code)	-	(@ 500 VDC)	>200 GΩ
		Dielectric Strength	
O-rings		DC Test Voltage	2 KV
Base Material		Max. Tensile Strength	
Body Parts	Brass	Overall	135 N
Inner Conductor	Brass		13.8 Kgf
Plating		Torsional Strength	
Body Parts	Nickel	(Connector / Cable)	* NATM
Inner Conductor	Nickel		
Insulators	POM (Delrin)	Test performed by	Susanne Lindharth
		Approved by	Anders Balcer
		Date of release	April 05, 2024
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. Connector designed according to the standard All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.		