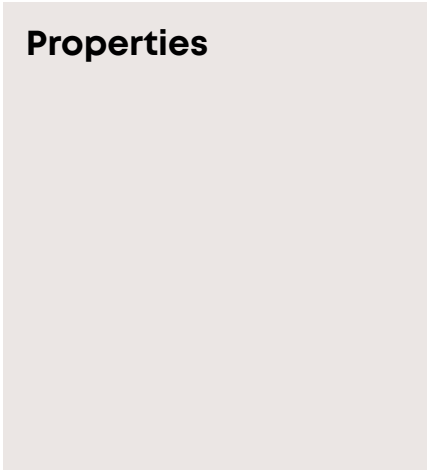


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Product configuration		
Main path connectors	Port 1: N jack/jack	
	Port 2: SMA jack (female)	
Interface and material data		
Housing material / plating	Stainless Steel / Passivated (Plating)	
Center contact, material / plating	Port 1: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)	
	Port 2: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)	
Electrical data		
Impedance	50 Ω	
Electrical bands		
	Range 1	Range 2
Frequency range	0 GHz ... 3 GHz	3 MHz ... 6 MHz
Return loss typical	26 dB	20 dB
VSWR max side 1	1.106	1.222
Mechanical data		
Weight	0.1 kg	
Mating cycles	500	
Environmental data		
Operation temperature	-40 °C ... 75 °C	
Ingress protection (IP Rating)	IP67	
	IP67	

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Comment	
	= PRELIMINARY = RF performance up to 18 GHz: Return Loss : typ. <= 15 dB, Insertion Loss typ. <= 0.3 dB ATEX/IEC Marking and Certification: - II 2G Ex db eb IIC T6..T5 Gb acc. EN 60079-1, EN 60079-7 - II 2D Ex tb IIIC T85Â°C...T100Â°C Db acc. EN 60079-31 - EU-Type Examination Certificate: SEV 15 ATEX 0189 X, DOC-0000731045 - IECEx Certificate of Conformity: IECEx SEV 16.0009X, DOC-0000750280 EU Declaration of Conformity (DoC): DOC-0000731656 Ingress protection: IP67 with closed RF interface by means of an appropriate connector or protective blanking cap Tamb: up to +75 Â°C for T6/T85Â°C or +80 Â°C for T5/T100Â°C Thread size and style: M20x1.5 For RF power of various groups of equipment acc. EN 60079-0 see instruction For remote powering voltage and current (dc/ ac) see instruction RF requirement for the transmission line connected to the device: VSWR min. 1:1.92 / return loss max. 10 dB /\ WARNING - DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED!

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
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