Technical Data Sheet			Rosenberger				
RPC-N	Matching Attenuator 50 Ω Jack – 75 Ω Plug		05K1P5-S2BS3				
	49.1 49.1 to the 20 the 20 the 20	across flats	Tetikett				
Interface According to		IEC 61169-16					
Document Application r		AN001 "Calibra	tion Services"				
Material ar Connector (Center cond Outer cond Coupling nu Dielectric Substrate	parts ductor uctor	Material CuBe Stainless steel Stainless steel PPE; Al ₂ O ₃	Plating Gold, min. 1.27 μm, over nickel Passivated Passivated				

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RPC-N	Matching Attenuator 50 Ω Jack – 75 Ω Plug			05K1P5-S2BS3						
Electrical d	lata									
Frequency range Return loss Attenuation Power handling			≥ 25 dB, ≥ 19 dB, ≥ 15 dB, ≥ 12 dB,	DC to 18 GHz \geq 25 dB, DC to 4 GHz \geq 19 dB, 4 GHz to 8 GHz \geq 15 dB, 8 GHz to 12 GHz \geq 12 dB, 12 GHz to 18 GHz 5.72 dB (non warranted) \leq 1 W						
Mechanica Mating cycles Maximum tor Recommend Gauge - plug Gauge - jack	s que ed torque		≥ 500 1.70 Nm 1.10 Nm 5.28 mm 5.18 mm	n to 5.						
Rated tempe	ntal data mperature ran rature range c perature range	of use ²	+20 °C 0 °C - 40 °C	:0 +50	O°C					
RoHS			complia	nt						
and could be a Declaration Factory Cali Standard d individual c Accredited (Optional th having the	used without dam of calibration bration elivery for this alibration resu Calibration is calibration shiphest confid	age. on options device includ lts, traceable t standard can l ence in the tra	es a Factor o national / i pe delivered ceability. Th	y Cali nterna with e DAk	vithin the calibration bration. The Ca ational standards an Accredited C kS Calibration C	ibration C 3. Calibration Calibration	ertificate issued (DAkkS) up to issued reports ir	12 GHz		
		•			nal / internationale Rosenberger home		S.			
		nation see applica	lion nole Anoo	i on un	e Nosenberger nome	paye.				
Calibration Recommend			12 mont	hs						
P acking Standard Weight			1 pce in 63.0 g/p							
tended as repronented as repro-	resentation or wa	arefully compiled to arranty on our pa infringe existing ake changes judg	art and no sta patents. In th	tement e effor	herein shall be	electrotech particular	nstallation of the nnical equipment, electrotechnical s required.			
Draft	Date	Approved	Date	Rev.	Engineering chang	ge number	Name	Date		
arion Striegler	10.08.21	Lars Ramtke	22.04.22	d00	22-1011		David d'Argent	22.04.2		
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