Technic	al Data Sheet		Rosenberger			
RPC-N	Matching Attenuato 50 Ω Plug – 75 Ω Jack		05S1P5-K2BS3			
All dimensio	49.1 49.1 49.1 to the 20 Ins are in mm; tolerances according to the second	across flats	The terms of term			
According to	)	IEC 61169-16				
Document	6	l				
Document Application		AN001 "Calibrat	ion Services"			
	note nd plating parts ductor uctor	AN001 "Calibrat <b>Material</b> CuBe Stainless steel Stainless steel PPE; Al <sub>2</sub> O <sub>3</sub>	ion Services" <b>Plating</b> Gold, min. 1.27 μm, over nickel Passivated Passivated			

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RPC-N	C-N Matching Attenuator 50 Ω Plug – 75 Ω Jack			05S1P5-K2BS3						
Electrical o	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 cycle Maximum to Recommend Gauge - plug Gauge - jack	s rque led torque J		≥ 500 1.70 Nm 1.10 Nm 5.28 mm 5.18 mm	to 5.						
Environme Operating te Rated tempe Storage tem	mperature erature ranç	je of use <sup>2</sup>	+20 °C t 0 °C t - 40 °C t	o +50	) °C					
RoHS			complian	ıt						
Factory Cali Standard of individual of Accredited Optional the having the calibration	n of calibi ibration lelivery for alibration r <b>Calibration</b> is calibration highest cor results in a	this device includes this device includes this device includes the solution of the solution of the standard can of the transfer of the transfer of the solution of the transfer of the solution of the solutio	to national / in be delivered aceability. The traceable to i	with with DAk natior	ational standards an Accredited C kS Calibration C nal / international	alibration ertificate standard	(DAkkS) up to issued reports ir	12 GHz		
For further, m	ore detailed ir	nformation see applica	ation note AN00 <sup>-</sup>	1 on the	e Rosenberger home	epage.				
Calibration Recommend			12 month	าร						
Packing Standard Weight			1 pce in 63.0 g/pc							
ntended as rep construed as re	resentation o commendation	n carefully compiled t r warranty on our p n to infringe existing to make changes judg	art and no stat patents. In the	ement e effor	herein shall be	electrotech	astallation of the nnical equipment, electrotechnical s required.			
Draft	Date	Approved	Date	Rev.	Engineering chang	je number	Name	Date		
larion Striegler	10.08.21	Lars Ramtke	22.04.22	d00	22-1011		David d'Argent	22.04.2		
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