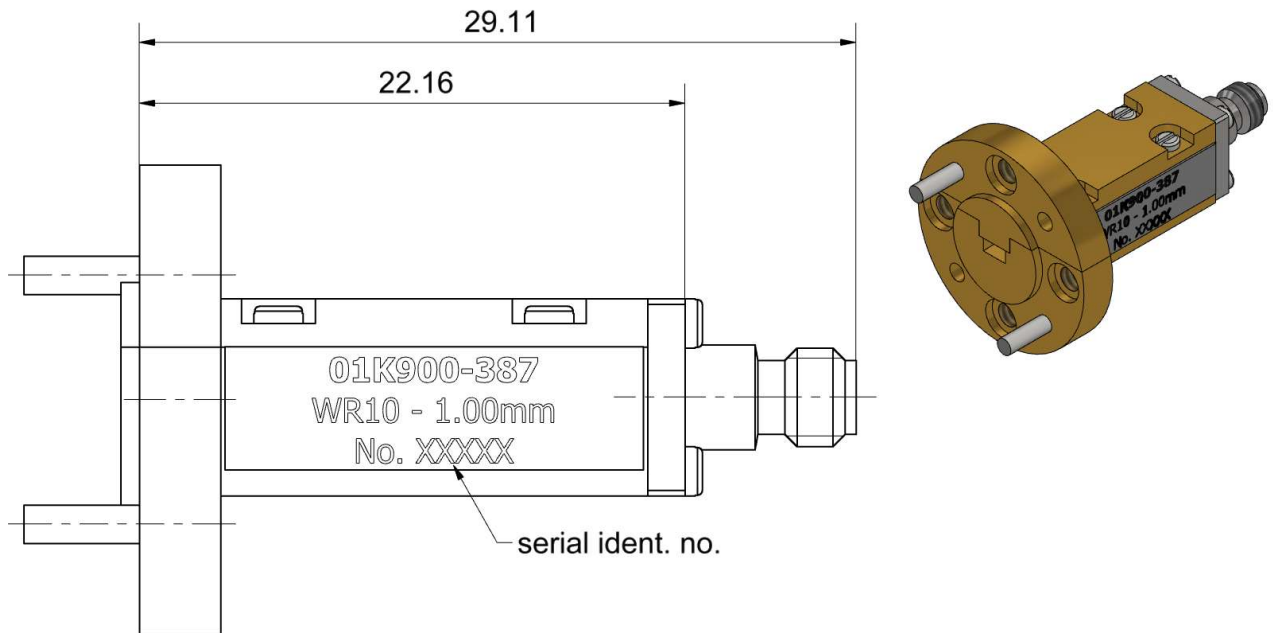




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

RPC-1.00 according to
Waveguide
Flange

IEC 61169-31
WR-10
UG-387/U-M

Material and plating

Connector parts

Center conductor
Outer conductor RPC-1.00
Waveguide

Material

CuBe
Stainless steel
Brass

Plating

Gold, min. 1.27 µm, over nickel
Passivated
Gold, min. 1.27 µm, over nickel

Technical Data Sheet				Rosenberger			
Adaptor RPC-1.00 Jack – Waveguide WR-10				01K900-387			
Electrical data Impedance50 Ω Frequency75 GHz to 110 GHz Return loss≥ 16 dB, 75 GHz to 110 GHz Insertion loss≤ 0.7 dB, 75 GHz to 110 GHz							
Mechanical data Mating cycles RPC-1.00≥ 500 Maximum torque RPC-1.000.70 Nm Recommended torque RPC-1.000.35 Nm Recommended torque WR101.10 Nm Gauge RPC-1.000.00 mm to 0.05 mm							
Environmental data Temperature range- 40 °C to +85 °C RoHScompliant							
Packing Standard1 pce in box Weight19 g/pce							
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary. For the installation of the electrotechnical equipment, particular electrotechnical expertise is required. 							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Marcel Panicke	27.10.17	Lars Ramtke	23.06.21	b00	21-1076	Marion Striegler	23.06.21
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[01K900-387](#)