



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

**Interface**

RPC-1.35 according to	IEC 61169-65
Waveguide	WR-15
Flange	UG-385/U

**Material and plating**

**Connector parts**

Center conductor	<b>Material</b> CuBe	<b>Plating</b> Gold, min. 1.27 µm, over nickel
Outer conductor RPC-1.35	Stainless steel	Passivated
Coupling nut RPC-1.35	Stainless steel	Passivated
Waveguide	Brass	Gold, min. 1.27 µm, over nickel

Adaptor  
RPC-1.35 Plug – Waveguide WR-15

**P9S620-385**

**Electrical data**

Impedance 50 Ω  
 Frequency 50 GHz to 75 GHz  
 Return loss ≥ 16 dB, 50 GHz to 75 GHz  
 Insertion loss ≤ 0.7 dB, 50 GHz to 75 GHz

**Mechanical data**

Mating cycles RPC-1.35 ≥ 3000  
 Maximum torque RPC-1.35 1.65 Nm  
 Recommended torque RPC-1.35 0.90 Nm  
 Recommended torque WR15 1.10 Nm  
 Gauge RPC-1.35 0.003 mm to 0.050 mm

**Environmental data**

Temperature range - 40 °C to +85 °C  
 RoHS compliant

**Packing**

Standard 1 pce in box  
 Weight 19 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	10.01.19	Lars Ramtke	25.06.21	c00	21-1076	Marion Striegler	25.06.21

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