

Technical Data Sheet

Rosenberger

698-2700MHz 5dB Directional Coupler

DC-5-8F-DF-TN



Main features

Guaranteed PIM performance
High Isolation, Low VSWR and Loss
High power performance

Electrical data

Frequency	698 - 2700MHz
Return Loss/VSWR	$\leq -19\text{dB}/1.25:1$
Coupling Attenuation	$5 \pm 1.0\text{dB}$
Insertion loss	$\leq 2.1\text{dB}$
Directivity	20dB
Power handling	200W
Intermodulation (3 rd order)	$\leq -161\text{dBc}@2 \times 20 \text{ W}$
Impedance	50 Ω

Environmental data

Operating temperature range	-30°C to +70°C
Storage temperature range	-40°C to +85°C
Relative humidity	0- 95%
Applications	IP67

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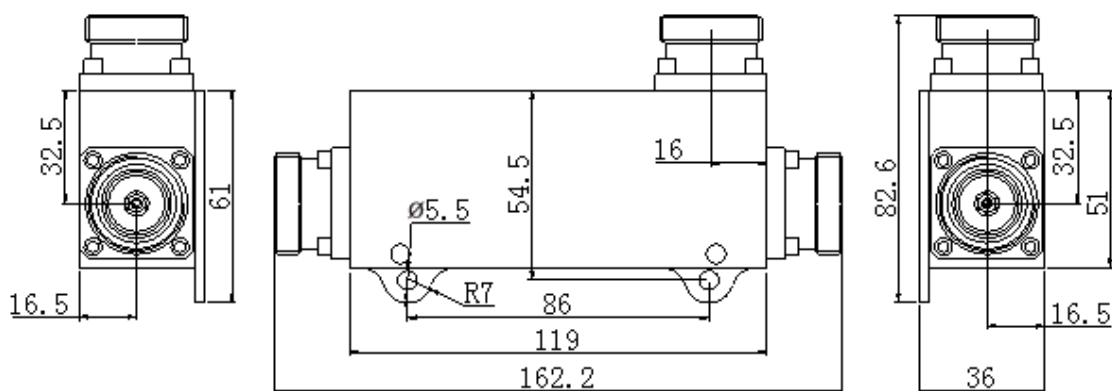
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Mechanical data

Dimension	162.2 x82.6 x36 (mm)
Weight	600g
Connectors type	Din-female
Packing	1Pce in box

Outline Drawing



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.

Draft	Date	Checker	Approved	Date	Rev.	Engineering Change Number	Name	Date
XQ.W	03/11/11	CY.X	Joson	03/12/11	1.0		XQ.W	03/12/11
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