

Data Sheet

Rosenberger

698-2700MHz 6dB Directional Coupler

DC-6-8F-DF-TN**Main features**

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

Electrical data

Frequency	698 - 2700MHz
Return Loss/VSWR	≤-19dB/1.25:1
Coupling Attenuation	6±1.0dB
Insertion loss	≤ 1.6dB
Directivity	20dB
Power handling	300W
Intermodulation (3 rd order)	≤ -160dBc@2 x 20 W
Impedance	50 Ω

Environmental data

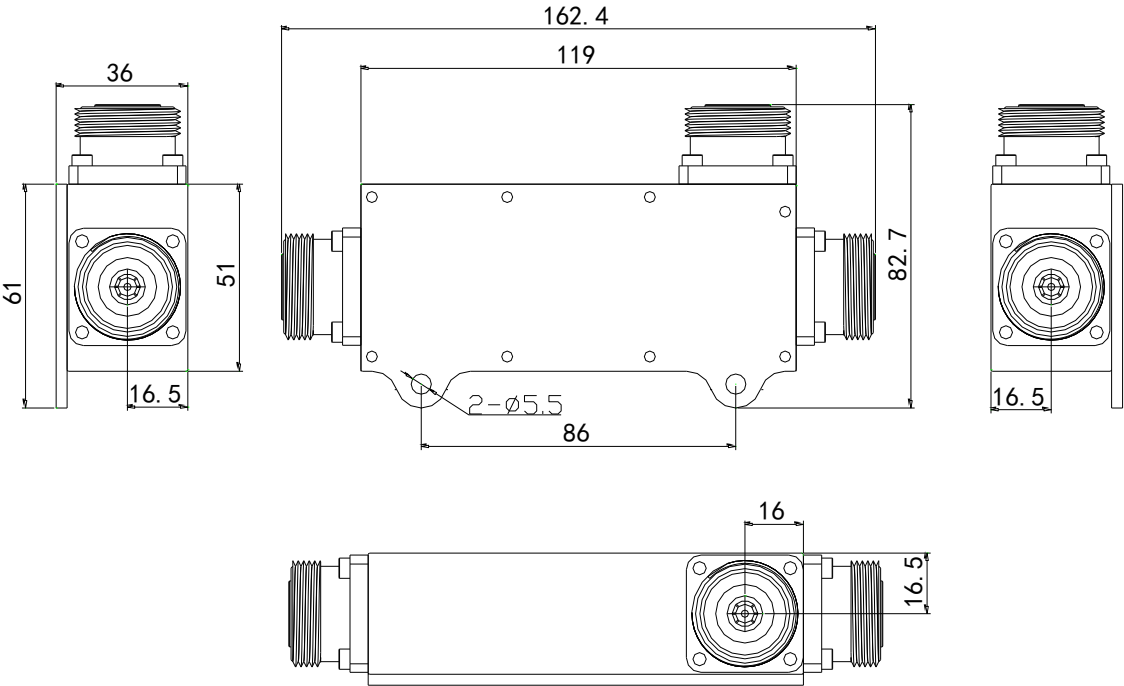
Operating temperature range	-35°C to +75°C
Storage temperature range	-40°C to +85°C
Relative humidity	0- 95%
Applications	IP67

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Mechanical data

Dimension	162.4 x82.7 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	01/09/14	CY.X	Joson	02/09/14	1.0		MC.G	02/09/18
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