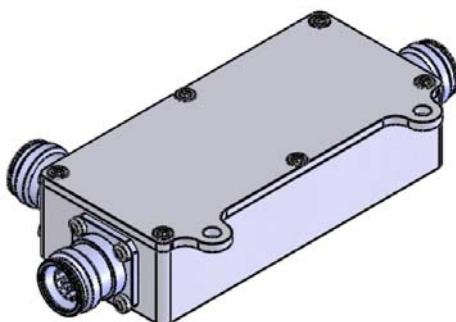


Data Sheet

Rosenberger698-2700MHz Directional Coupler
4.3-10 Interface**DC-5-8F-64F-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 maximum
Coupling Attenuation	5±1.0dB
Insertion loss	2.1dB maximum
Directivity	20dB minimum
RMS power handling	300W
Intermodulation (3 rd order)	-161dBc@2 x 20W maximum
Impedance	50 Ω

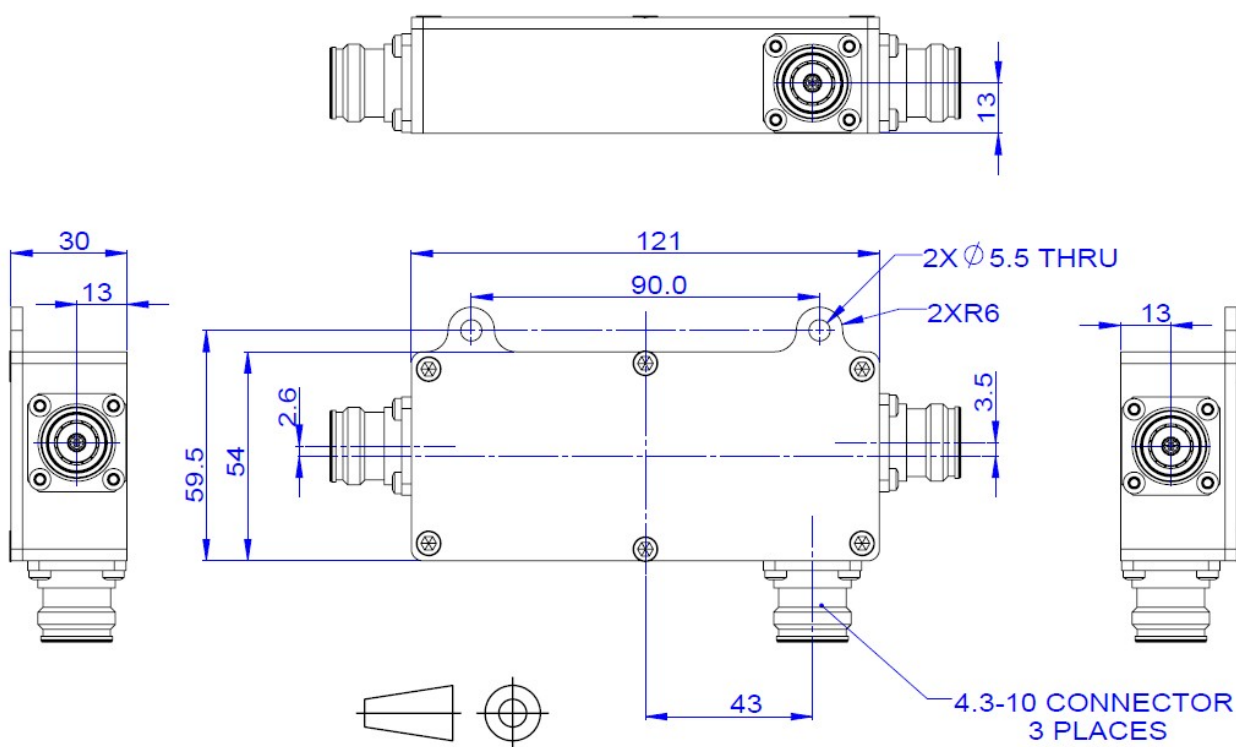
Environmental data

Operating temperature range	-35°C to +85°C
Storage temperature range	-40°C to +85°C
Relative humidity	IEC 60068-2-78; IEC 60068-2-30
Salt spray	ASTM-B117
Applications	IP67

Data Sheet

Rosenberger698-2700MHz Directional Coupler
4.3-10 Interface**DC-5-8F-64F-TN****Mechanical data**

Dimension	121 x 54 x30 (mm, excluding connectors and brackets)
Weight	550g
Connectors type	4.3-10 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
MC.G	23/Feb/16	CY.X	Joson	23/Feb/16	0.1		MC.G	23/Feb/16
Corporate Headquarters Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O. Box 1260 D-84526 Tittmoning Germany Tel. +49 8684 18-0					Rosenberger Site Solutions, LLC P.O. Box 4268, Lake Charles, LA 70606 Ph.337.598.5250 Fax: 337.598.5290 rlss@rlss.us www.RosenbergerOnline.us			Page 2 / 2