

0.8 ~ 2.5 GHz 2-Way Power Divider¹

Key Features:

Broad Frequency Range: 0.8 ~ 2.5 GHz
 Low Insertion Loss: 0.4 dB (max)
 High Isolation: 22 dB (min)
 Connectors: SMA Female
 Surface Coating: Black Color

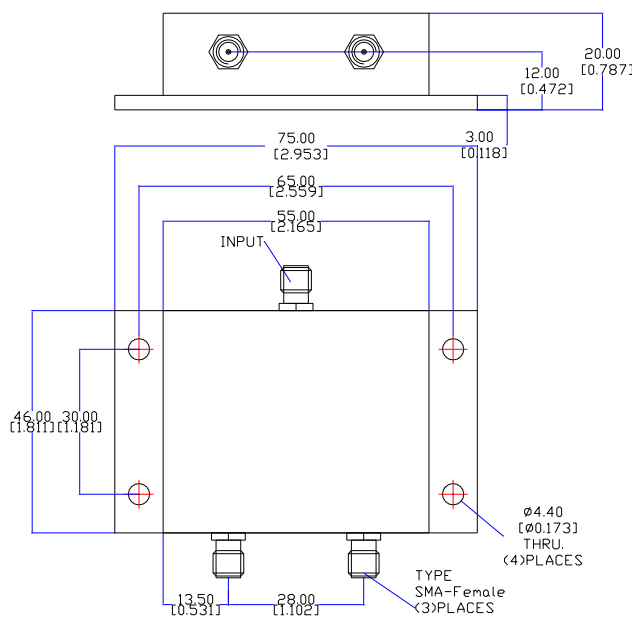
Photo not available

Electrical Specifications: (at +25°C)

Testing Item	Symbol	Test Conditions	Min	Nom	Max	Unit
Frequency Range	BW		0.8		2.5	GHz
Insertion Loss		0.8 ~ 2.5 GHz			0.4	dB
Isolation		0.8 ~ 2.5 GHz	22			dB
VSWR		0.8 ~ 2.5 GHz			1.25:1	
Amplitude Unbalance		0.8 ~ 2.5 GHz			+/-0.2	dB
Phase Unbalance		0.8 ~ 2.5 GHz			+/-2	deg
Power Handling	P _{in}	Forward Power (CW)			20	W
Operating Temperature		0.8 ~ 2.5 GHz	-25		+65	°C
Impedance		0.8 ~ 2.5 GHz		50		ohm

Outline Drawing (not scaled)

Units: mm [inches]



¹ Specifications are subject to change without notice.

Ordering Information

Part Number	RPDC0825A2S
--------------------	-------------

Richardson RFPD, Inc.
40W267 Keslinger Road
P.O. Box 307
LaFox, IL 60147
Telephone: (800) 737-6937
(630) 208-2700
Fax: (630) 208-2662
Internet: www.richardsonrfpd.com

IMPORTANT NOTICE

RICHARDSON RFPD, INC. AND ITS AFFILIATES RESERVE THE RIGHT TO MAKE CHANGES TO THE PRODUCT(S) OR INFORMATION CONTAINED HEREIN WITHOUT NOTICE. RICHARDSON RFPD, INC. ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR IN THIS DOCUMENT.

WARRANTY INFORMATION APPLICABLE TO THE PRODUCT IDENTIFIED HEREIN IS AVAILABLE UPON REQUEST. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A WARRANTY, REPRESENTATION OR GUARANTEE OF ANY KIND. RICHARDSON RFPD, INC. EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND/OR IMPLIED INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, AND OF FITNESS FOR A PARTICULAR PURPOSE, USE OR APPLICATION.

NO PART OF THIS DOCUMENT MAY BE COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE PRIOR WRITTEN CONSENT OF RICHARDSON RFPD, INC.

WARNING

RICHARDSON RFPD, INC. PRODUCTS ARE NOT INTENDED FOR USE IN LIFE SUPPORT APPLIANCES, DEVICES OR SYSTEMS. USE OF A RICHARDSON RFPD, INC. PRODUCT IN ANY SUCH APPLICATION WITHOUT WRITTEN CONSENT IS PROHIBITED.

Available exclusively from Richardson RFPD - 800-737-6937 (U.S. & Canada) - 630-208-2700 (International)
Or visit www.richardsonrfpd.com. **See important product notice on last page of this document.**

Internal Richardson Document #	Origination Date: September 2007	Rev: 2A Date: April 2011	Page 2/2
--------------------------------	-------------------------------------	-----------------------------	----------