

Dual Broadwall Directional Coupler

Coax Secondaries

Series No: 144

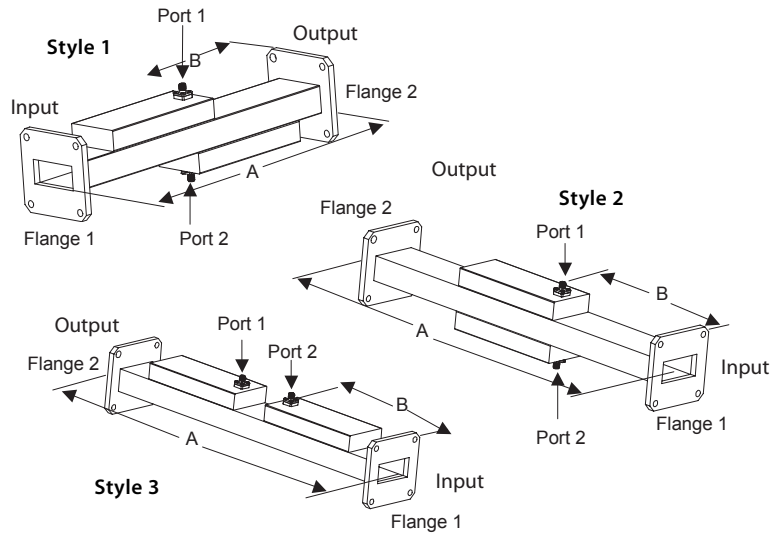
Part Description

UBS offers a standard product line of dual arm multi-hole coax dual directional couplers covering waveguide sizes from WR-28 through WR-284 and configured similar to the single arm models.

Ordering Data

Part number - 144 - X - X - X - X - X - X - X - X - X - X

Series No.	_____
WG Size	_____
Coupling	_____
Port 1 Connector Style	_____
Port 1 Connector Type	_____
Port 1 Connector Style	_____
Port 1 Connector Type	_____
Flange 1	_____
Flange 1 Mounting	_____
Flange 2	_____
Flange 2 Mounting	_____



Flange Configuration

Flange Type	C - Cover G - Groove CHOKE, CMR, CPR(F, G)
Flange Mounting Holes	T1 - Through Holes T2 - Threaded A - Alternating

Port Configuration (Style 3 Only)

Connector Style	SMA, N, 2.9 mm(K), 3.5 mm, 2.4mm
Connector Type	M - Male, F - Female

Electrical Specification

VSWR	1.08 max. primary line 1.30 max. secondary line
Coupling	± 1.0 dB mean ± 0.50 dB freq. response
Directivity	35 dB min.

STANDARD FINISH: is electroless corrosion protection for the metal surface, plus "Admiralty Gray" epoxy top coat. Non standard configurations and finishes (Silver, Nickel, Cadmium plating) are available upon request. Waveguide sizes up to WR-650 available. Contact our sales department with your requirements.

Specifications

Size	Frequency GHz
WR28	26.50 - 40.00
WR34	22.00 - 33.00
WR42	18.00 - 26.00
WR51	15.00 - 22.00
WR62	12.40 - 18.00
WR75	10.00 - 15.00
WR90	8.20 - 12.40
WR112	7.05 - 10.00
WR137	5.85 - 8.20
WR159	4.09 - 7.05
WR187	3.95 - 5.85
WR229	3.30 - 4.90
WR284	2.60 - 3.95

Coupling

10, 20, 30, 40 and 50 dB

Note

For Connector Style, contact factory for 2.9mm, 3.5mm, and 2.4mm

(specifications are subject to change without notice)

www.Uniquesys.com

Head Office: Unique Broadband Systems a DOL Technologies Inc. Company
120 Spinnaker Way, Vaughan Ontario L4K 2P6 | Tel: 905 669 8533 | Toll Free: 1 877 669 8533 | Email: Sales@uniquesys.com