

Actipass Co., Ltd.

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BROAD-WALL DIRECTIONAL COUPLERS (Model # : AWBC SERIES)

Description



- AVAILABLE WITH 3 OR 4 PORT
- FULL BAND WIDTH
- MEAN COUPLING : 3 dB, 6 dB, 10 dB, 20 dB, 30 dB, 40 dB, 50 ± 0.5 dB
- VAR FROM MEAN COUPLING vs FREQ.: ± 0.5 dB
- LOW LOSS & VSWR
- HIGH DIRECTIVITY: 35 dB min.

The AWBC series are especially suited to precision measurement applications where high directivity and minimum frequency sensitivity are required. The AWBC series can be utilized in power monitoring to measure a power and frequency monitoring. Typical directivity is better than 35dB. Special multi-port couplers can be also available upon request.

Specifications

Model No.	Frequency Range	Waveguide		VSWR	Directivity
		WR*	RG**		
AWBC-284	2.60 - 3.95 GHz	284	75/U	1.15:1 max.	35 dB min.
AWBC-229	3.30 - 4.90 GHz	229	341/U	1.15:1 max.	35 dB min.
AWBC-187	3.95 - 5.85 GHz	187	95/U	1.15:1 max.	35 dB min.
AWBC-159	4.90 - 7.05 GHz	159	344/U	1.15:1 max.	35 dB min.
AWBC-137	5.85 - 8.20 GHz	137	106/U	1.15:1 max.	35 dB min.
AWBC-112	7.05 - 10.0 GHz	112	68/U	1.15:1 max.	35 dB min.
AWBC-90	8.20 - 12.4 GHz	90	67/U	1.15:1 max.	35 dB min.
AWBC-75	10.0 - 15.0 GHz	75	347/U	1.15:1 max.	35 dB min.

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com