

Tappers

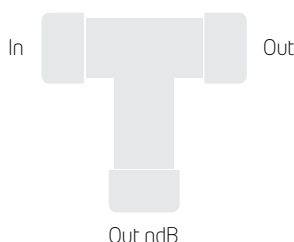


Broadbanded n dB-coupler 380 - 470,
806 - 960 and 1710 - 2500 MHz



PRODUCT FEATURES

- Extremely small
- Very low insertion loss
- IP68-classified and water-pressure proof tested down to 25 m
- No need for amalgamating tape or other external weatherproofing
- Made of silver-plated brass
- EPDM O-rings eliminate water intrusion
- 10-year comprehensive warranty



ARTICLE	DBCM-0602-AA00 / DBCM-0602-AA01	DBCM-0702-AA00 / DBCM-0702-AA01	DBCM-1002-AA00 / DBCM-1002-AA01	DBCM-1302-AA00 / DBCM-1302-AA01	DBCM-1502-AA00 / DBCM-1502-AA01
CONNECTORS	DIN 7/16 female / N female	DIN 7/16 female / N female	DIN 7/16 female / N female	DIN 7/16 female / N female	DIN 7/16 female / N female
INPUT POWER	600 / 150 W	600 / 150 W	600 / 150 W	600 / 150 W	600 / 150 W
PIECES IN BOX	As requested / 50	As requested / 50	As requested / 50	As requested / 50	As requested / 50
FREQUENCY RANGE	380 - 470 MHz 806 - 960 MHz 1710 - 2500 MHz	380 - 470 MHz 806 - 960 MHz 1710 - 2500 MHz	380 - 470 MHz 806 - 960 MHz 1710 - 2500 MHz	380 - 470 MHz 806 - 960 MHz 1710 - 2500 MHz	380 - 470 MHz 806 - 960 MHz 1710 - 2500 MHz
COUPLING ATTENUATION					
380 - 470 MHz	-9 dB (13 % of Pin)	-10 dB (10 % of Pin)	-15 dB (3 % of Pin)	-17 dB (2 % of Pin)	-18 dB (1.6 % of Pin)
806 - 960 MHz, 1710 - 2500 MHz	-6 dB (25 % of Pin)	-7 dB (20 % of Pin)	-10 dB (10 % of Pin)	-13 dB (5 % of Pin)	-15.1 dB (3 % of Pin)
OUTPUT PERCENTAGE	25 % / 75 %	20 % / 80 %	10 % / 90 %	5 % / 95 %	3 % / 97 %
VSWR / RETURN LOSS					
380 - 470 MHz, 806 - 960 MHz	1.5 / 14 dB	1.5 / 15 dB	1.22 / 20 dB	1.12 / 25 dB	1.12 / 25 dB
1710 - 2500 MHz	1.5 / 14 dB	1.5 / 15 dB	1.22 / 20 dB	1.12 / 25 dB	1.12 / 25 dB
INSERTION LOSS	-0.05 dB	-0.05 dB	-0.05 dB	-0.05 dB	-0.05 dB
IMPEDANCE	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
INTERMODULATION*					
2 x 20 transmitter	< -156 dBc	< -156 dBc	< -156 dBc	< -156 dBc	< -156 dBc
WEIGHT	350 g (0.76 lb)	350 g (0.76 lb)	350 g (0.76 lb)	350 g (0.76 lb)	350 g (0.76 lb)
DIMENSIONS	72 x 78 x 25 mm H x W x D	72 x 78 x 25 mm (2.84 x 3.06 x 0.97 in)	72 x 78 x 25 mm (2.84 x 3.06 x 0.97 in)	72 x 78 x 25 mm (2.84 x 3.06 x 0.97 in)	72 x 78 x 25 mm (2.84 x 3.06 x 0.97 in)

* During intermodulation measurement attached cables are exposed to shock and vibration.