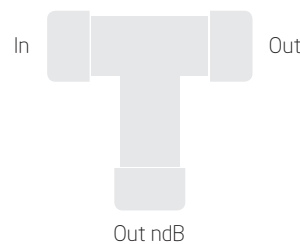


# Tappers

Broadbanded n dB-coupler 380 - 470 and 790 - 2700 MHz



## PRODUCT FEATURES

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

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	DBCM-2002-AA00 / DBCM-2002-AA01
<b>CONNECTORS</b>	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	DIN 7/16 female / N female
<b>INPUT POWER</b>	600 / 150 W	600 / 150 W	600 / 150 W	600 / 150 W	600 / 150 W	600 / 150 W
<b>PIECES IN BOX</b>	As requested / 50	As requested / 50	As requested / 50	As requested / 50	As requested / 50	As requested / 50
<b>FREQUENCY RANGE</b>	380 - 470 MHz 790 - 2700 MHz	380 - 470 MHz 790 - 2700 MHz	380 - 470 MHz 790 - 2700 MHz	380 - 470 MHz 790 - 2700 MHz	380 - 470 MHz 790 - 2700 MHz	380 - 470 MHz 790 - 2700 MHz
<b>COUPLING ATTENUATION</b>						
380 - 470 MHz	-9 dB (13 % of Pin)	-10 dB (10 % of Pin)	-15 dB (3 % of Pin)	-17 dB (2 % of Pin)	-21 dB (0.8 % of Pin)	-28 dB (0.15 % of Pin)
790 - 2700 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)	-20 dB (1 % of Pin)
<b>OUTPUT PERCENTAGE</b>	25 % / 75 %	20 % / 80 %	10 % / 90 %	5 % / 95 %	3 % / 97 %	1 % / 99 %
<b>VSWR / RETURN LOSS</b>						
380 - 470 MHz	1.5 / 14 dB	1.5 / 15 dB	1.22 / 20 dB	1.12 / 25 dB	1.12 / 25 dB	1.12 / 25 dB
790 - 2700 MHz	1.5 / 14 dB	1.5 / 15 dB	1.22 / 20 dB	1.12 / 25 dB	1.12 / 25 dB	1.12 / 25 dB
<b>INSERTION LOSS</b>	-0.05 dB	-0.05 dB	-0.05 dB	-0.05 dB	-0.05 dB	-0.05 dB
<b>IMPEDANCE</b>	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
<b>INTERMODULATION*</b>						
2 x 20 transmitter	< -156 dBc	< -156 dBc	< -156 dBc	< -156 dBc	< -156 dBc	< -156 dBc
<b>WEIGHT</b>	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)	350 g (0.76 lb)
<b>DIMENSIONS</b>						
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)	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.