

# Power Splitters

Hybrid n dB-coupler, 806 - 960 MHz



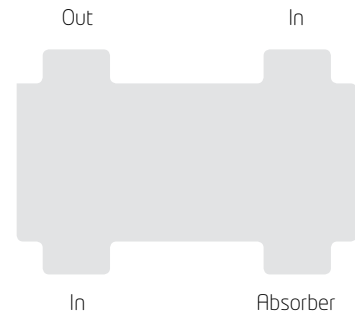
## PRODUCT FEATURES

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

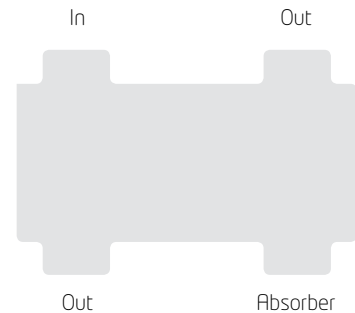
## COMMON FOR ALL

|                           |                         |
|---------------------------|-------------------------|
| <b>INPUT POWER</b>        | 700 W                   |
| <b>FREQUENCY RANGE</b>    | 806 - 960 MHz           |
| <b>VSWR / RETURN LOSS</b> | 1.06 / -31 dB           |
| <b>ISOLATION</b>          | -33 dB                  |
| <b>IMPEDANCE</b>          | 50 ohm                  |
| <b>WEIGHT</b>             | 2 kg (4.4 lb)           |
| <b>OPERATING TEMP.</b>    | -55 °C to +80 °C        |
| <b>DIMENSIONS</b>         | 135 x 90 x 50 mm        |
| H x W x D                 | (5.32 x 3.55 x 1.96 in) |
| <b>PIECES IN BOX</b>      | As requested            |

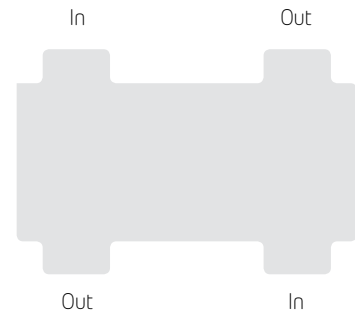
## COMBINING SIGNALS FROM TWO TX / RXs



## SPLITTING SIGNALS FROM ONE TX / RX



## SPLITTING SIGNALS FROM TWO TX / RXs



| ARTICLE                   | DBCM-0305-AA00  | DBCM-0605-AA00  | DBCM-1005-AA00  | DBCM-1305-AA00  |
|---------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>CONNECTORS</b>         | DIN 7/16 female | DIN 7/16 female | DIN 7/16 female | DIN 7/16 female |
| <b>COUPLING ATTENUAT.</b> | 3 dB ±0.1       | 6 dB ±0.3       | 10 dB ±0.3      | 13 dB ±0.3      |
| <b>OUTPUT PERCENTAGE</b>  | 50% / 50%       | 25% / 75%       | 10% / 90%       | 5% / 95%        |