

Broad Band Power Divider / Combiner

DESCRIPTION

- > Two antennas connected to the same transmitter or receiver.
- > Broad band power divider for radio systems.
- > Combining two transmitters on the same antenna.
- Note: The power divider has to be mounted on an extra heat sink when used as a combiner. Max. 15 W per TX.
- > Combining two signal generators.
- > 30 W load built-in.

SPECIFICATIONS

| Electrical | | |
|---------------------|--|--|
| Model | PRO-BBMPHY-150-2-N | |
| Frequency | 144 - 175 MHz | |
| Туре | Cascaded Wilkinson-hybrid | |
| Max. Input Power | 30 W when used as a power divider. 15 W per channel when used as a hybrid combiner. Note: Extra cooling necessary when used as a hybrid combiner | |
| Insertion Loss | < 3.6 dB, typically < 3.4 dB | |
| Impedance | 50 Ω | |
| Isolation Tx1 - Tx2 | > 24 dB, typically > 26 dB | |
| Phase Tx1, Tx2 | 0° | |
| VSWR | < 1.6:1 all other ports terminated with 50Ω | |
| Load | 30 W load built-in | |
| Mechanical | | |
| Connection(a) | N fomale (other on request) | |

| Connection(s) | N female (other on request) |
|---------------|---------------------------------|
| Dimensions | 130 (incl. conn.) x 152 x 35 mm |
| Weight | 0.4 kg / 0.88 lb |
| En incomental | |

-30°C to +60°C

Operating Temperature Range

- per anni g

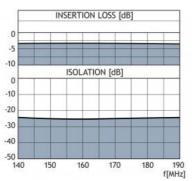
ORDERING

| Туре | Product No. |
|--------------------|-------------|
| PRO-BBMPHY-150-2-N | 210000287 |



DIAGRAM

TYPICAL RESPONCE CURVE



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