

Broad Band Power Divider 1:2

DESCRIPTION

- Two antennas connected to the same transmitter or receiver.
- Broad band power splitter for radio systems.
- Combining two transmitters on the same antenna.
Note: The power splitter 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-BBPHY 2/70-20-3 dB-N
Frequency	146 - 470 MHz
Type	Cascaded Wilkinson-hybrid
Max. Input Power	30 W when used as a power splitter - 15 W per channel when used as a hybrid combiner. Note: Extra cooling necessary when used as a hybrid combiner
Insertion Loss	< 4.5 dB
Impedance	50 Ω
Isolation Tx1 - Tx2	> 11 dB, 146-470 MHz, typically > 17 dB
Phase Tx1, Tx2	0°
VSWR	< 1.5:1 all other ports terminated with 50Ω
Load	30 W load built-in

Mechanical	
Connection(s)	N female (other on request)
Dimensions	126 (incl. conn.) x 97.5 (incl. conn.) x 30.3 mm
Weight	0.4 kg / 0.88 lb

Environmental	
Operating Temperature Range	-30°C to +60°C
Ingress Protection	IP64

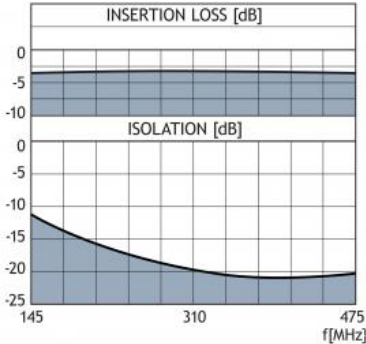
ORDERING

Type	Product No.
PRO-BBPHY 2/70-20-3 dB-N	210000282



DIAGRAM

TYPICAL RESPONSE CURVE



MOUNTING DETAILS

