

Broad Band Power Divider 1:4

DESCRIPTION

- Four antennas connected to the same transmitter or receiver.
 - Broad band power splitter for radio systems.
 - Combining four 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.
- Built-in 30 W load.

SPECIFICATIONS

Electrical	
Model	PRO-BBPHY 4/146-470-20-N
Frequency	146 - 470 MHz
Type	Cascaded Wilkinson-hybrid
Insertion Loss	< 8.5 dB
Impedance	50 Ω
Isolation	> 11 dB, 146 - 220 MHz, > 18 dB, 220 - 470 MHz
VSWR	< 1.5:1 all other ports terminated with 50Ω
Maximum 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
Load	30 W load built-in

Mechanical	
Connection(s)	N female (other on request)
Dimensions	260 x 178 (incl. conn.) x 37 mm
Weight	0.8 kg / 1.76 lb
Mounting	4 mm dia. (4 holes)

Environmental	
Operating Temperature Range	-30 °C to +60 °C
Ingress Protection	IP52

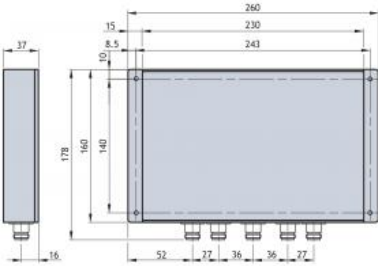
ORDERING

Type	Product No.
PRO-BBPHY 4/146-470-20-N	210000470



DIAGRAM

MOUNTING DETAILS



TYPICAL RESPONSE CURVE

