

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.

ORDERING

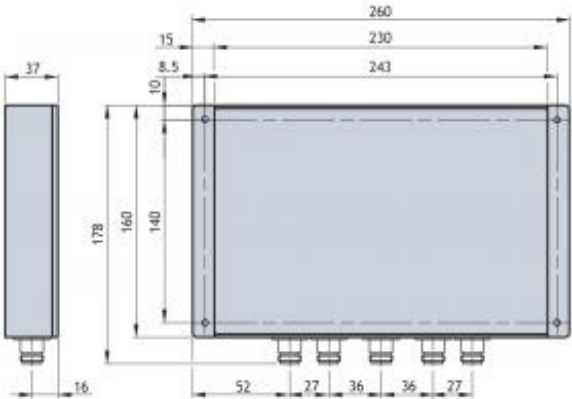
Type	Product No.
PRO-BBPHY 4/146-470-20-N	210000470

SPECIFICATIONS

Electrical	
Model	PRO-BBPHY 4/146-470-20-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	< 8.5 dB
Impedance	50 Ω
Isolation	> 11 dB, 146 - 220 MHz, > 18 dB, 220 - 470 MHz
VSWR	< 1.6:1 all other ports terminated with 50 Ω
Load	30 W load built-in
Mechanical	
Connection(s)	N female (other on request)
Dimensions	260 x 178 (incl. conn.) x 37 mm / 10.24 x 7.01 (incl. conn.) x 1.46 in.
Weight	Approx. 0.8 kg / 1.76 lb
Mounting	ø4 mm (4 holes) / ø0.16 in.
Environmental	
Operating Temperature Range	-30°C to +60°C
Ingress Protection	IP52



Mounting Details



Typical response curve

