

Broad Band Unsymmetrical Power Divider 1:4

DESCRIPTION

- Used where unsymmetrical splitting of the signal is required.
- Two antennas connected to the same transmitter or receiver where 25% of the signal either comes from or is transmitted to one of the antennas.
- Broad band power splitter for radio systems. Max. 30 W.
- 30 W load built-in.

SPECIFICATIONS

Electrical	
Model	PRO-BBPHY 2/70-20-6 dB-N
Frequency	146 - 470 MHz
Type	Cascaded Wilkinson-hybrid
Insertion Loss	Main port: Typically < 2.2 dB, max. 3.2 dB -6 dB port: 6 dB+/-0.5 dB (typically 6 dB+/-0.3 dB)
Impedance	50 Ω
Isolation	> 14 dB, 146 - 470 MHz, typically > 20 dB
VSWR	< 1.5:1 (typically = 1.3:1 dB) all other ports terminated with 50Ω
Maximum Input Power	30 W when used as a power splitter
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

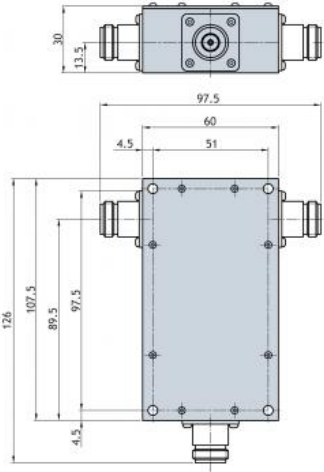
ORDERING

Type	Product No.
PRO-BBPHY 2/70-20-6 dB-N	210000468



DIAGRAM

MOUNTING DETAILS



TYPICAL RESPONSE CURVE

