

DUPLEXERS, DIPLEXERS AND POWER SPLITTERS

PRO-BBPHY 2/70-20-6 dB-N Broad Band Power Hybrid



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
TYPE	Cascaded Wilkinson-hybrid
FREQUENCY	146 - 470 MHz
MAX. INPUT POWER	30 W when used as a power splitter
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)
ISOLATION	> 14 dB 146 - 470 MHz, typically > 20 dB
IMPEDANCE	Nom. 50 Ω
LOAD	30 W load built-in
SWR	< 1.5 (typically ≤ 1.3 dB) all other ports terminated with 50 Ω
High power & input port	
MECHANICAL	
TEMPERATURE RANGE	-30° C → +60° C
CONNECTOR TYPE	N-female (other types available)
DIMENSIONS (L x W x H)	126 (incl. conn.) x 97.5 (incl. conn.) x 30.3 mm
WEIGHT	Approx. 400 g

