

DUPLEXERS, DIPLEXERS AND POWER SPLITTERS

PRO-BBPHY 2/70-20-10 dB-N Broad Band Unsymmetrical Power Splitter



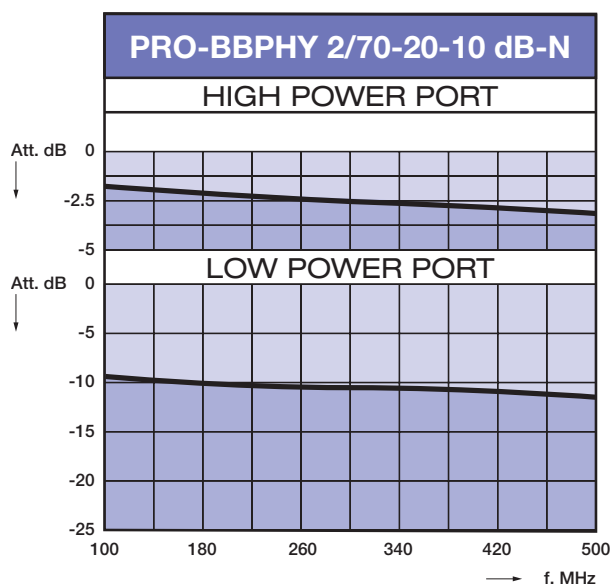
DESCRIPTION:

- ★ Used where unsymmetrical splitting of the signal is required.
- ★ Two antennas connected to the same transmitter or receiver where 10% 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 2/70-20-10 dB-N
TYPE	Cascaded Wilkinson-hybrid
FREQUENCY	146 - 470 MHz
MAX. INPUT POWER	30 W when used as a power splitter
INSERTION LOSS	High power port: < 3.2 dB typically 2.4 dB Low power port: -10 dB \pm 1 dB (typically -10 dB \pm 0.6 dB)
ISOLATION Low to high power port	> -14 dB (typically > 17 dB)
IMPEDANCE	Nom. 50 Ω
LOAD	30 W load built-in
SWR High power & input port	< 1.5 (typically \leq 1.3 dB) all other ports terminated with 50 Ω
MECHANICAL	
TEMPERATURE RANGE	-30° C \rightarrow +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



PROCOM A/S reserve the right to amend specifications without prior notice.