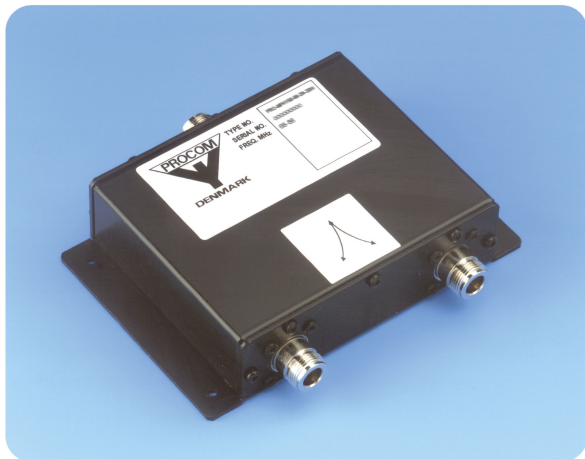


PRO-BBMPHY-150-2-N

Broad Band Power Divider / Combiner

DESCRIPTION

- Two antennas connected to the same transmitter or receiver.
- Broad band power divider for radio systems.
- Combining two transmitters on the same antenna.
- Note: The power divider has to be mounted on an extra heat sink when used as a combiner. Max. 15 W per TX.
- Combining two signal generators.
- 30 W load built-in.



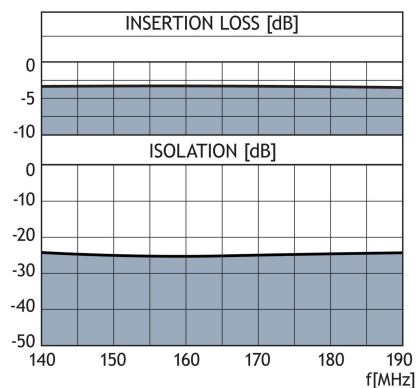
ORDER DESIGNATIONS

TYPE	PRODUCT NO.
PRO-BBMPHY-150-2-N	210000287

SPECIFICATIONS

ELECTRICAL	
MODEL	PRO-BBMPHY-150-2-N
TYPE	Cascaded Wilkinson-hybrid
FREQUENCY	144 - 175 MHz
MAX. INPUT POWER	30 W when used as a power divider. 15 W per channel when used as a hybrid combiner. Note: Extra cooling necessary when used as a hybrid combiner
INSERTION LOSS	< 3.6 dB, typically < 3.4 dB
ISOLATION TX ₁ , TX ₂	> 24 dB, typically > 26 dB
PHASE TX ₁ , TX ₂	0°
IMPEDANCE	Nom. 50 Ω
LOAD	30 W load built-in
SWR	< 1.6 all other ports terminated with 50 Ω
MECHANICAL	
TEMP. RANGE	-30° C → +60° C
CONNECTOR TYPE	N-female (other types available)
DIMENSIONS (L x W x H)	130 (incl. conn.) x 152 x 35 mm
WEIGHT	Approx. 400 g

TYPICAL RESPONSE CURVE



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

18/10/11