

PRO-PHY450-4/380-410/SWR

4 Channel Hybrid Ring Combiner including antenna tuner for TETRA Communication Radios

DESCRIPTION

- Combiner for parallel operation of 4 TETRA transceivers on one common antenna where highest possible decoupling (isolation) is necessary.
- Network can be adjusted for optimization of isolation.
- High isolation achievable: Up to -50 dB at the centre frequency (dependant on the SWR of the connected antenna).
- Max power 50 W per channel.
- Very small ripple on the connectors over the total frequency range.

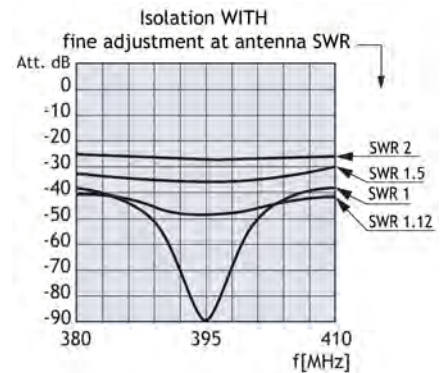
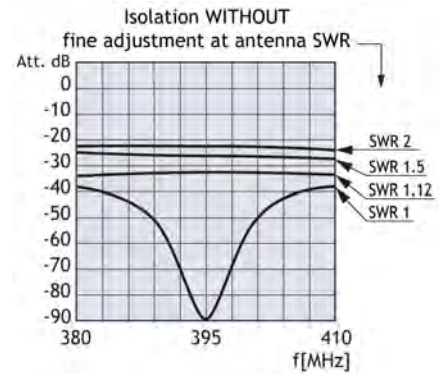


ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
PRO-PHY450-4/380-410/SWR	210000944

SPECIFICATIONS

ELECTRICAL	
MODEL	PRO-PHY450-4/380-410/SWR
FILTER TYPE	Hybrid Ring Junction
FREQUENCY	380 - 410 MHz
MAX. INPUT POWER	50 W per channel (max. 150 W with larger load)
NOMINAL DIVIDER LOSS	6.0 dB
TOTAL LOSS INCL. SPLITTER LOSS /COUPLER LOSS	< 6.5 dB
IMPEDANCE	Nom. 50 Ω
INPUT SWR	< 1.5
MECHANICAL	
TEMP. RANGE	-30° C \rightarrow +60° C
CONNECTOR TYPE	N-female (Others on request)
DIMENSIONS (L x W x H)	420 x 182 (incl. connector) x 47 mm
WEIGHT	1900 g



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

10/10/11