

TX-COMBINERS AND HYBRIDS

PRO-PHY450-5DI3-35 5-Channel Compact Hybrid Combiner



DESCRIPTION:

- ★ The compact 5-channel hybrid combiner has been designed to help where a physical small size is of great importance. Also the insertion loss is equal and low for all five channels.
- ★ The hybrid is used where 5 TX-channels, with very little (or no) frequency spacing, are combined into one antenna.
- ★ The hybrid combiner is for 19" rack mounting.
- ★ Dual isolators are fitted as standard. Also available with single isolators.
- ★ Options: Maximum input of 50 or 100 W.
- ★ Please specify the frequencies for each TX when ordering.



PRO-PHY450-5DI3-35

SPECIFICATIONS:

	ELECTRICAL	
	PRO-PHY450-5DI3-35	PRO-PHY450-5SI3-35
TX FREQUENCY	400–470 MHz	400–470 MHz
MAX. INPUT POWER	35 W	35 W
TX-TX SPACING	0 < TX < 20 MHz	< TX < 20 MHz
TYP. INSERTION LOSS	8 dB	7.6 dB
TX-TX ISOLATION	90 dB	70 dB
IMPEDANCE	Nom. 50 Ω	Nom. 50 Ω
SWR	≤ 1.5	≤ 1.5
MECHANICAL		
TEMP. RANGE	-30° C → +60° C	-30° C → +60° C
CONNECTORS	N-female	N-female
DIMENSIONS (L x W x H)	483 x 133 x 400 mm	483 x 133 x 400 mm
WEIGHT	11 kg	10.5 kg

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