

TX-COMBINERS AND HYBRIDS

PRO-PHY...-2DI-... 2-Channel Hybrid Combiners



DESCRIPTION:

- ★ The PRO-PHY series of hybrid combiners have been designed to help identify the optimum solution for combining several transmitters into one antenna.
- ★ All hybrid combiners are suitable for 19" rack mounting.
- ★ Dual isolators fitted as standard.
- ★ A range of racks and cabinets are available (see sec. 9 – Accessories).
- ★ Option: Maximum input power of 35 watts (PRO-PHY...2DI-35) or 100 watts (PRO-PHY...2DI-100).
- ★ Please specify the frequencies for TX when ordering.



SPECIFICATIONS:

	ELECTRICAL		
	PRO-PHY85-2DI-...	PRO-PHY150-2DI-...	PRO-PHY450-2DI-...
TX FREQUENCY	66–88 MHz	136–175 MHz	400–475 MHz
MAX. INPUT POWER	35 / 100W	35 / 100 W	35 / 100 W
TX-TX SPACING, Δ_{TX}	< 3 MHz	< 7 MHz	< 20 MHz
TYP. INSERTION LOSS	4.2 dB	4.1 dB	4.1 dB
TX-TX ISOLATION	> 90 dB	> 100 dB	> 100 dB
IMPEDANCE	Nom. 50 Ω	Nom. 50 Ω	Nom. 50 Ω
SWR	≤ 1.5	≤ 1.5	≤ 1.5
	MECHANICAL		
TEMP. RANGE	-30° C \rightarrow +60° C	-30° C \rightarrow +60° C	-30° C \rightarrow +60° C
CONNECTORS	N-female	N-female	N-female
DIMENSIONS (L x W x H)	483 x 89 x 400 mm	483 x 89 x 400 mm	483 x 89 x 400 mm
WEIGHT	5.8 / 6.9 kg	5.7 / 6.8 kg	5.7 / 6.8 kg

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