

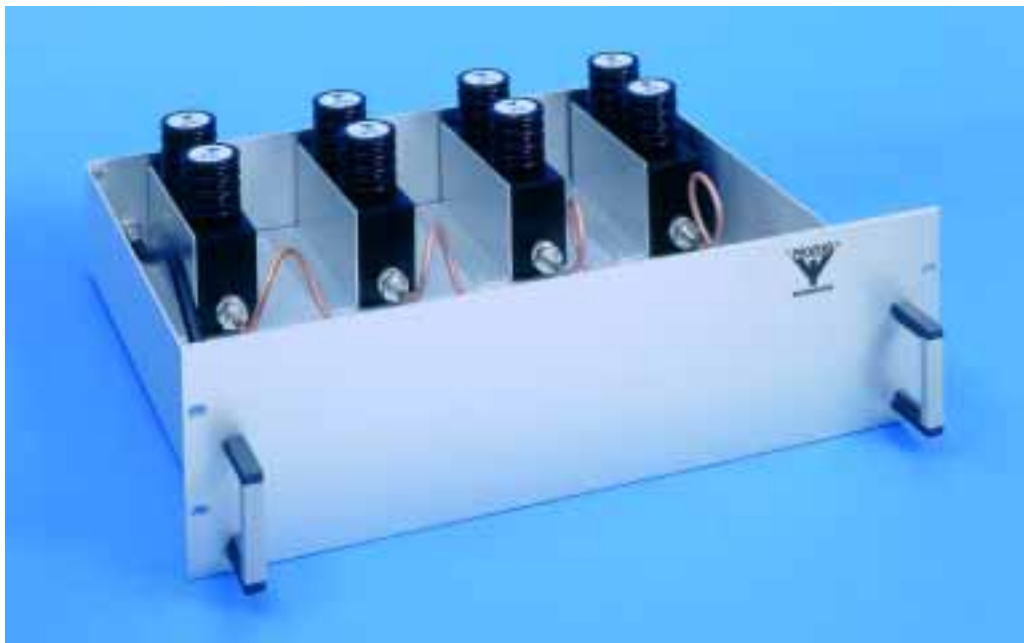
# TX-COMBINERS AND HYBRIDS

## PRO-PHY...-4DI-... 4-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 watt (PRO-PHY...4DI-35) or 100 watt (PRO-PHY...4DI-100).
- ★ Please specify the frequencies for TX when ordering.



### SPECIFICATIONS:

ELECTRICAL			
	PRO-PHY85-4DI-...	PRO-PHY150-4DI-...	PRO-PHY450-4DI-...
TX FREQUENCY	66–88 MHz	136–175 MHz	400–470 MHz
MAX. INPUT POWER	35 / 100W	35 / 100 W	35 / 100 W
TX-TX SPACING, <sup>3</sup> TX	< 3 MHz	< 7 MHz	< 20 MHz
TYP. INSERTION LOSS	7.2 dB	6.9 dB	7.0 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 i +60° C	-30° C i +60° C	-30° C i +60° C
CONNECTORS	N-female	N-female	N-female
DIMENSIONS (L x W x H)	483 x 133 x 400/500 mm	483 x 133 x 400/500 mm	483 x 133 x 400/500 mm
WEIGHT	9.5 / 14.1 kg	9.4 / 14.0 kg	9.4 / 14.0 kg

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