

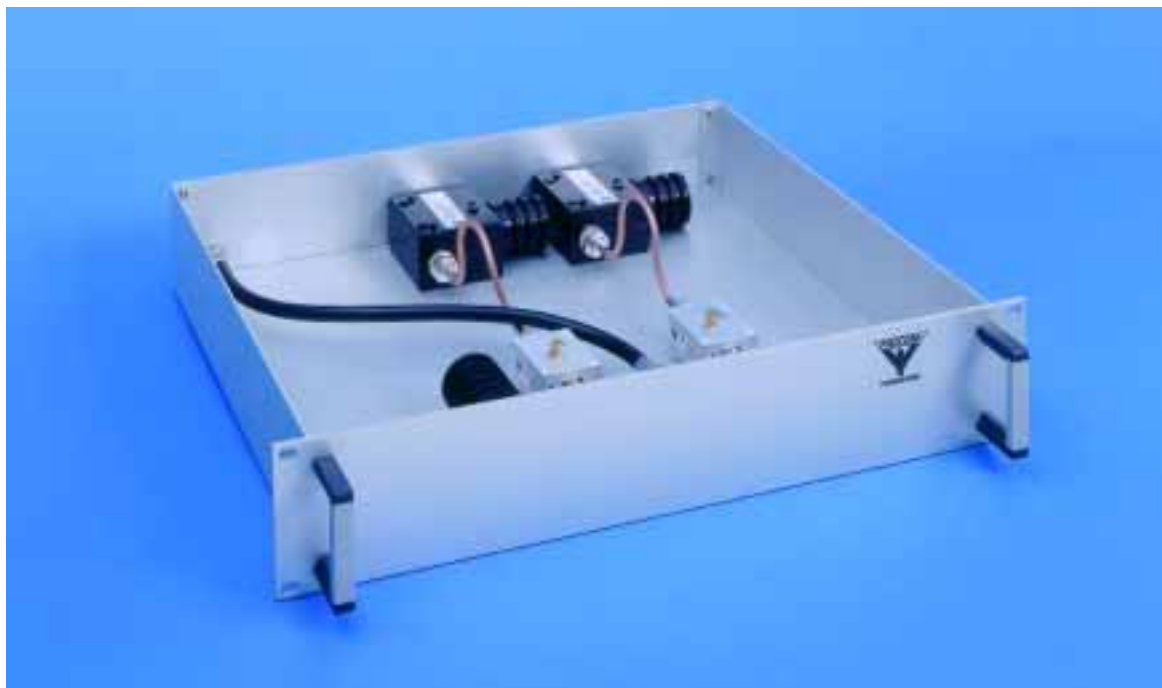
TX-COMBINERS AND HYBRIDS

PRO-PHY...-2SI-... 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.
- ★ Single 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...2SI-35) or 100 watt (PRO-PHY...2SI-100).
- ★ Please specify the frequencies for TX when ordering.



SPECIFICATIONS:

	ELECTRICAL			
	PRO-PHY85-2SI-...	PRO-PHY150-2SI-...	PRO-PHY450-2SI-...	
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, ³ TX	< 3 MHz	< 7 MHz	< 20 MHz	
TYP. INSERTION LOSS	3.6 dB	3.5 dB	3.6 dB	
TX-TX ISOLATION	> 65 dB	> 70 dB	> 70 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 89 x 400 mm	483 x 89 x 400 mm	483 x 89 x 400 mm
	WEIGHT	4.7 / 5.8 kg	4.6 / 5.7 kg	4.6 / 5.7 kg

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