

# CIRCULATORS AND ISOLATORS

## PRO-IS-450-S, PRO-IS-450-D

Single and Dual Isolators  
for the 450 MHz Band



### DESCRIPTION:

- ★ Medium power single or dual isolators for 400–470 MHz.
- ★ Used to isolate / protect transmitters ...
- ★ High frequency stability on temperature and power.
- ★ The standard 35 W dummyload can easily be interchanged to other values.
- ★ Tunable within the frequency range. Bandsegmented.
- ★ The isolators are black coated to prevent corrosion.



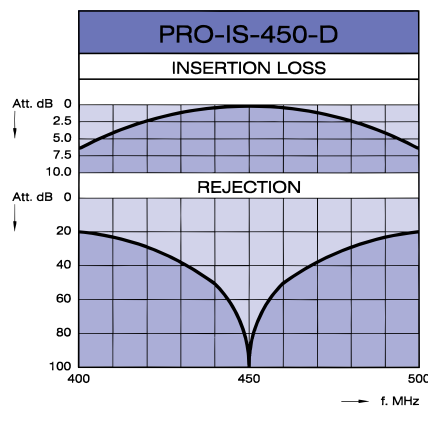
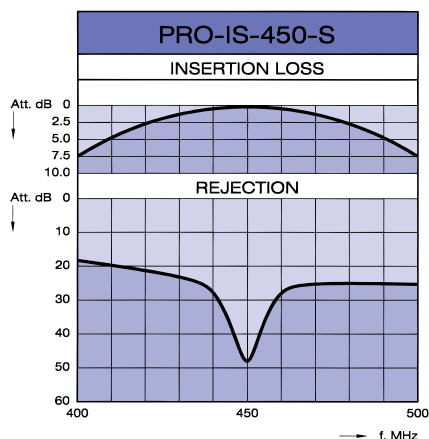
PRO-IS-450-S



PRO-IS-450-D

### SPECIFICATIONS:

	ELECTRICAL	
	PRO-IS-450-S	PRO-IS-450-D
FREQUENCY	400–475 MHz	400–475 MHz
MAX. INPUT POWER	150 W	150 W
BANDWIDTH	10 MHz	10 MHz
INSERTION LOSS	< 0.5 dB	< 1.0 dB
ISOLATION	> 30 dB	> 60 dB
IMPEDANCE	Nom. 50 Ω	Nom. 50 Ω
SWR	≤ 1.5	≤ 1.5
	MECHANICAL	
	PRO-IS-450-S	PRO-IS-450-D
TEMP. RANGE	-30° C i +60° C	-30° C i +60° C
CONNECTORS	N-female	N-female
DIMENSIONS (W x H x L)	64 x 42 x 76 mm	64 x 42 x 142 mm
WEIGHT	Approx. 620 g	Approx. 1.1 kg



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