

DPF 23/...-125

Duplex Filter for the 1240–1300 MHz Band



DESCRIPTION:

- ★ High power base station duplex filter for the 1240–1300 MHz range.
- ★ The use of large $\varnothing 125$ mm cavities means a high Q, resulting in a very small duplex spacing.
- ★ The large dimensions also mean a high power rating.
- ★ Unloaded Q of a single cavity is approx. 4500.
- ★ High frequency stability on temperature and power.
- ★ 19" mounting brackets are standard.



DPF 23/33-125

SPECIFICATIONS:

ELECTRICAL		
	DPF 23/22-125	DPF 23/33-125
TX/RX FREQUENCY	1240-1300 MHz	
MAX. INPUT POWER	300 watt at 1.5 dB	
TYPICAL INSERTION LOSS	1 dB at 6 MHz spacing	1.5 dB at 6 MHz spacing
TX NOISE SUPPRESSION ON RX-FREQUENCY	70 dB	90 dB
RX ISOLATION ON TX-FREQUENCY	70 dB	90 dB
MAX. INPUT POWER	300 watt at 1.5 dB	
IMPEDANCE	Nom. 50	
SWR	1.5	
MECHANICAL		
TEMP. RANGE	-30° C +60° C	
FREQ. STABILITY	Approx. 1.5 ppm/° C	
CONNECTORS	N-female	
DIMENSIONS (D x W x H)	260 x 483 x 300 (400) mm	
WEIGHT	Approx. 11 kg	

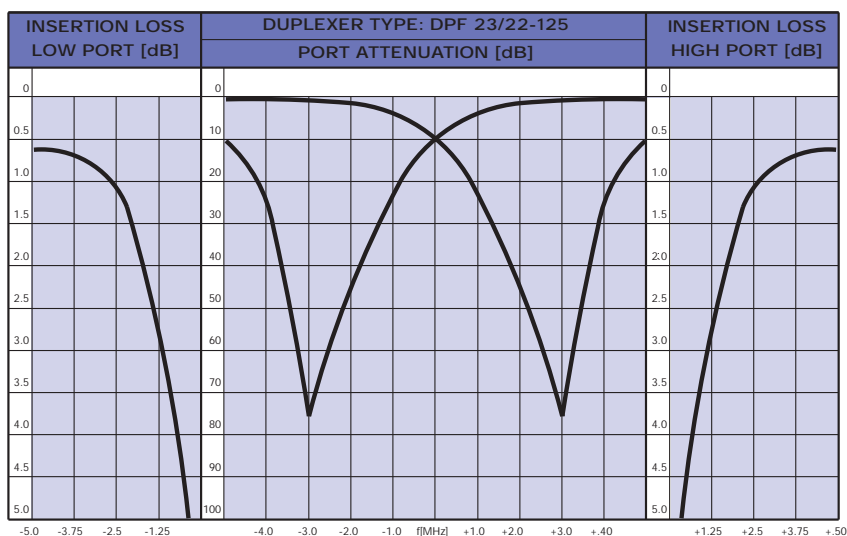
PROCOM A/S reserve the right to amend specifications without prior notice.

DUPLEXERS, DIPLEXERS AND POWER SPLITTERS

DPF 23/...-125 Duplex Filter for the 450 MHz Band



TYPICAL RESPONSE CURVES @ 6 MHz DUPLEX SPACING:



TYPICAL RESPONSE CURVES @ 6 MHz DUPLEX SPACING:

