

DPF 70/55-...-TETRA-N

10-Cavity Duplexer for TETRA Band



DESCRIPTION:

- ★ The DPF 70/55-TETRA-N is a 2 x 5 cavity filter for duplex radio telephones.
- ★ The filter uses full-length $1/4 \lambda$ cavities in a compact, extruded aluminium housing. The chassis is made of passivated steel, and teflon insulation has been applied in the coaxial cables and in the connectors.
- ★ The filter is black vinyl coated to prevent corrosion.



SPECIFICATIONS:

ELECTRICAL	
MAX. INPUT POWER	50 watt
TX/RX-FREQUENCY	See model selection table below
INSERTION LOSS IN PASSBAND	≤ 1.5 dB (typ. 1.3)
ATTENUATION IN STOPBAND	> 60 dB
IMPEDANCE	Nom. 50 Ω
SWR (all ports)	≤ 1.5
MECHANICAL	
TEMP. RANGE	-30° C i +60 $^{\circ}$ C
FREQ. STABILITY	Approx. 4.5 ppm/ $^{\circ}$ C
CONNECTORS	N-female
DIMENSIONS (L x W x H)	260 x 130 x 58 mm
WEIGHT	Approx. 1400 g

MODEL SELECTION TABLE:

	TX MHz	RX MHz	TYPE NO.
1	380-385	390-395	DPF 70/55-1
2	385-390	395-400	DPF 70/55-2
3	410-415	420-425	DPF 70/55-3
4	415-420	425-430	DPF 70/55-4

TYPICAL RESPONSE CURVES:

