

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 $\frac{1}{4} \lambda$ 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.



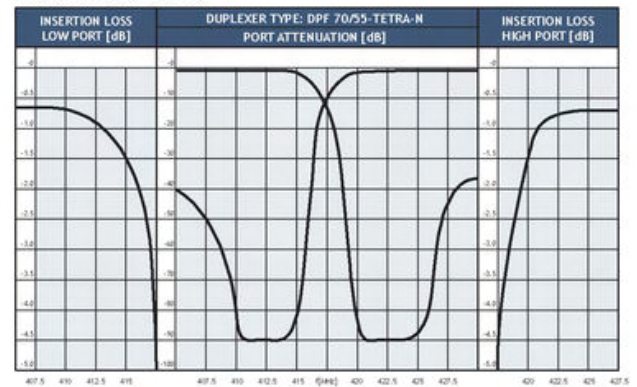
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	TX MHz	RX MHz
DPF 70/55-1-TETRA-N	200000341	380 - 385	390 - 395
DPF 70/55-2-TETRA-N	200000348	385 - 390	395 - 400
DPF 70/55-3-TETRA-N	200000347	410 - 415	420 - 425
DPF 70/55-4-TETRA-N	200000342	415 - 420	425 - 430

SPECIFICATIONS

ELECTRICAL	
MODEL	DPF 70/55-...-TETRA-N
MAX. INPUT POWER	50 W
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 \rightarrow $+60^{\circ}$ 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

TYPICAL RESPONSE CURVES:



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

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