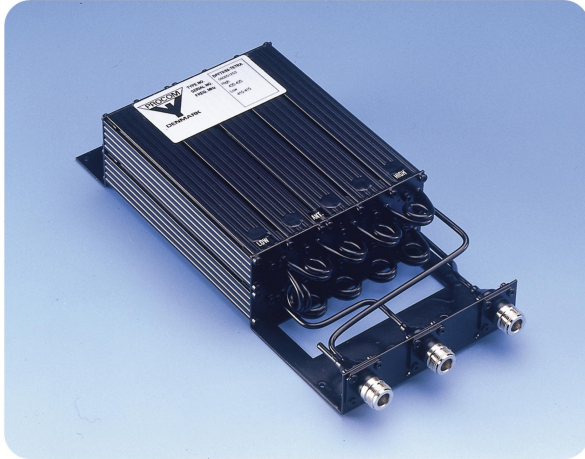


# DPF 70/55-...-TETRA-N

## 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 coated with black vinyl to prevent corrosion.



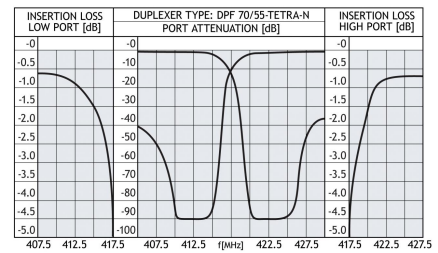
### ORDERING DESIGNATIONS

TYPE NO.	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
INSERTION LOSS IN PASSBAND	$\leq 1.5$ dB (typ. 1.3)
ATTENUATION IN STOPBAND	$> 60$ dB
IMPEDANCE	Nom. 50 $\Omega$
SWR (All ports)	$\leq 1.5$
MECHANICAL	
TEMP. RANGE	$-30^{\circ} \text{C} \rightarrow +60^{\circ} \text{C}$
FREQ. STABILITY	Approx. 4.5 ppm/ $^{\circ} \text{C}$
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.  
09/09/14