

DPBP 70/3333-TETRA-N

12-Resonator Band Pass Duplex Filter for TETRA Band

DESCRIPTION

- The DPBP 70/3333-TETRA-N is a 2 x 6 resonator band pass duplex filter designed to combine TETRA TX and RX to one common feeder.
- The filter uses reduced-length $\frac{1}{4} \lambda$ cavities in a compact, strong aluminium housing. Teflon insulation has been applied in the coaxial cables and in the connectors.
- The filter is silverplated.
- 19" drawers available as options.



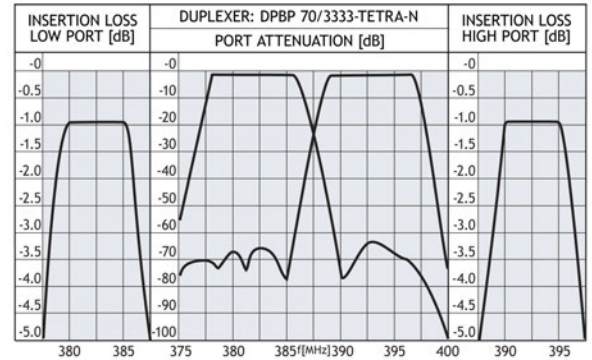
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	TX MHZ	RX MHZ
DPBP 70/3333-TETRA-N-1	200000655	380 - 385	390 - 395
DPBP 70/3333-TETRA-N-2	200001806	385 - 390	395 - 400
DPBP 70/3333-TETRA-N-3	200001807	410 - 415	420 - 425
DPBP 70/3333-TETRA-N-4	200001808	415 - 420	425 - 430
DPBP 70/3333-TETRA-N-5	200001809	450 - 455	460 - 465
DPBP 70/3333-TETRA-N-6	200001810	455 - 460	465 - 470

SPECIFICATIONS

ELECTRICAL	
MODEL	DPBP 70/3333-TETRA-N
MAX. INPUT POWER	200 W
TX/RX-FREQUENCY	380 - 470 MHz
DUPLEX SPACING	5 MHz
INSERTION LOSS IN PASSBAND	≤ 1.2 dB (typ. 1.0)
ATTENUATION IN STOPBAND	> 60 dB (typ. > 63 dB)
IMPEDANCE	Nom. 50 Ω
SWR (All ports)	≤ 1.5 (typ. ≤ 1.3)
MECHANICAL	
TEMP. RANGE	-20° C → +60° C
FREQ. STABILITY	Approx. 4.5 ppm/° C
CONNECTORS	N-female
DIMENSIONS (L x W x H)	300 x 218 x approx. 105 mm (incl. adjusting screw)
WEIGHT	Approx. 6600 g

TYPICAL RESPONSE CURVES



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

13/02/12