

MIX 70/44-PR-TETRA (SMA) (MCX)

Ultra-Compact Build-in type Duplexer
for TETRA Cellular Radio Telephones



DESCRIPTION:

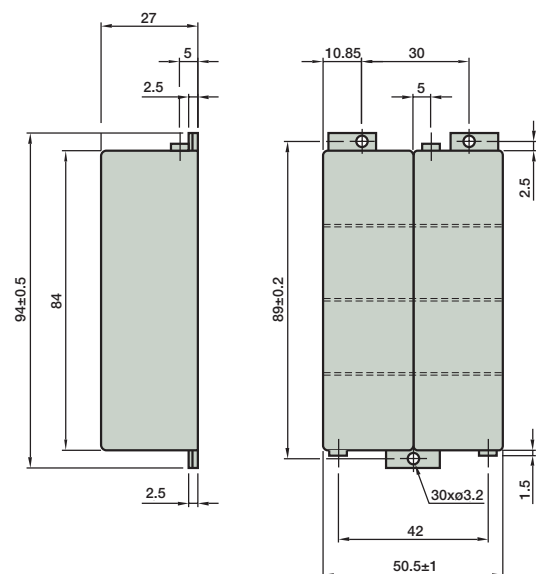
- ★ Miniaturized, light-weight, component-sized duplexer.
- ★ Ideal for integration in compact radio telephones.
- ★ Connection: MCX-connectors.
- ★ 4 cavities in TX-branch, 4 cavities in RX-branch.
- ★ Low insertion loss and temperature drift.
- ★ Rugged mechanical design.
- ★ Fully environmentally tested.



GENERAL SPECIFICATIONS:

ELECTRICAL	
MODEL	MIX 70/44-PR-TETRA (SMA) (MCX)
MAX. INPUT POWER	25 watts
IMPEDANCE	Nom. 50 Ω
SWR (All ports)	≤ 1.5
MECHANICAL	
TEMP. RANGE	-30° C → +85° C
CONNECTIONS	MCX-male connectors
DIMENSIONS (L x W x H)	95 x 51 x 27 mm
WEIGHT	Approx. 120 g

FUNCTIONAL DIMENSIONS:



SPECIFICATION EXAMPLE:

MODEL	MIX 70/44-PR-TETRA...	
NETWORK	TETRA	
"LOW" FREQ.	380-385 MHz	
"HIGH" FREQ.	390-395MHz	
BRANCH	Low → Ant.	High → Ant.
INSERTION LOSS IN PASSBAND	≤ 1.8 dB	≤ 1.8 dB
ATTENUATION IN STOPBAND	> 60 dB	> 60 dB

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

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TYPICAL RESPONSE CURVES:

