

MIX 300-44-T(XX)

Ultra-Compact Build-in type Duplexer
for the 300 MHz Band



DESCRIPTION:

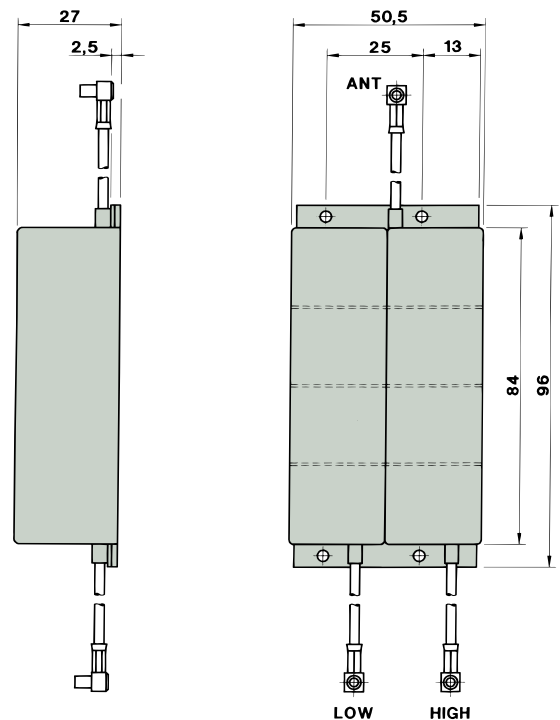
- ★ Miniaturized, light-weight, component-sized duplexer.
- ★ Ideal for integration in compact radio telephones.
- ★ Connection: Flying leads with MCX-connectors.
- ★ Low insertion loss and temperature drift.
- ★ Rugged mechanical design.
- ★ Bandpass/Bandreject-response on both ports.
- ★ Fully environmentally tested.
- ★ Please request quotation regarding versions for networks other than mentioned below or for versions with a special connection layout.



GENERAL SPECIFICATIONS:

ELECTRICAL	
MODEL	MIX 300-44-T(XX)
MAX. INPUT POWER	25 watts
IMPEDANCE	Nom. 50 Ω
SWR (All ports)	≤ 1.5
MECHANICAL	
TEMP. RANGE	-30° C → +85° C
CONNECTIONS	Flying leads with MCX-male connectors
DIMENSIONS (L x W x H)	96 x 51 x 27 mm
WEIGHT	Approx. 120 g

FUNCTIONAL DIMENSIONS:



SPECIFICATION EXAMPLE:

MODEL	MIX 300-44-T(52)	
NETWORK	INDIA	
"LOW" FREQ.	314-315 MHz	
"HIGH" FREQ.	319-320 MHz	
BRANCH	Low → Ant.	Ant. → High
INSERTION LOSS IN PASSBAND	≤ 1.8 dB	≤ 1.8 dB
ATTENUATION IN STOPBAND	> 65 dB	> 65 dB

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TYPICAL RESPONSE CURVES:

