

## TETRA / MULTIBAND DIPLEXER

- IDEAL FOR TETRA SYSTEMS
- HELPS TO SAVE CABLE COST
- COMPACT SIZE

This multiband diplexer is a universal system building block. It is intended for use to separate or combine TETRA and GSM, DCS, UMTS & LTE systems. Because of its low losses and compact size it can be used effectively in TETRA communication systems.

### Electrical characteristics:

Frequency Bands	TETRA band (380MHz-430MHz)	EGSM/DCS/UMTS/LTE bands (880-960MHz; 1710-2170MHz; 2490-2700MHz)
Insertion Loss / Isolation	max. 0.5dB	min. 40dB typ. 50dB
Isolation / Insertion Loss	min. 40dB typ. 45dB	max. 0.6 dB
Return Loss	min. 18 dB typ. 20dB	
Max. Input Power	100W @ TETRA port 100W @ Multiband port	
Measured 3th order IM products (*)	-150 dBc	
Connectors	7/16 female	
Application, IP rating	Outdoor, IP68	
Operating Temperature	- 30 to + 70 °C	

Specifications are subject to change without notice.

(\*) measured at 2x40 dBm @ DCS freq.

### Outline dimensions (mm):

