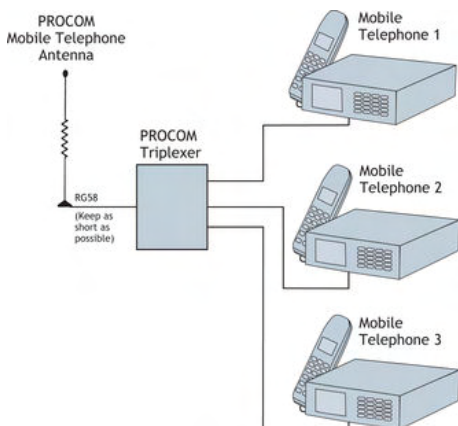
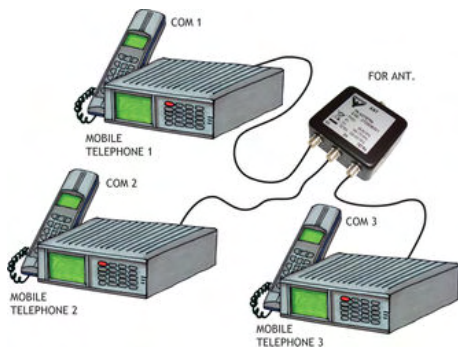


TRI 4/2/TETRA

Triplexer for Three Mobile Telephones 68 – 88 MHz (COM1) / 144 – 175 MHz (COM2) and TETRA (COM3)

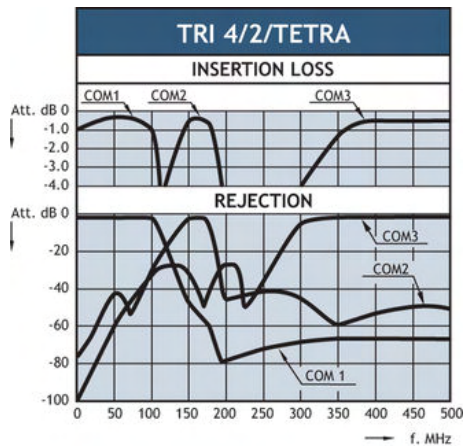
DESCRIPTION

- Triplexer for simultaneous operation of three mobile telephones on a common mobile telephone antenna.
- Excellent coverage of the three bands 0 – 90 MHz, 144 – 175 MHz and 380 - 430 MHz.
- Extremely small dimensions.
- Quick installation by means of dual-adhesive pad (provided).



SPECIFICATIONS

ELECTRICAL	
MODEL	TRI 4/2/TETRA
FREQUENCY	Mobile telephone 1 : 68 – 88 MHz (COM1) Mobile telephone 2 : 144 – 175 MHz (COM2) Mobile telephone 3 : TETRA (COM3)
MAX. INPUT POWER	35 W max./mobile telephone
INSERTION LOSS	68 – 88 MHz : ≤ 0.7 dB 144 – 175 MHz : ≤ 1.0 dB TETRA : ≤ 0.7 dB
ISOLATION	COM1 to COM2 ≥ 35 dB COM2 to COM1 ≥ 40 dB COM2 to COM3 ≥ 30 dB COM3 to COM2 ≥ 50 dB
IMPEDANCE	Transceivers : 50 Ω
MECHANICAL	
TEMP. RANGE	–30° C → +70° C
CONNECTORS	COM1, COM2, COM3, Antenna: SMA
DIMENSIONS (W x H x D)	58 x 21 x 60 mm
WEIGHT	Approx. 68 g



INSTALLATION NOTES

1. The 50 Ω cable between antenna and diplexer should be kept as short as possible (preferably not more than 1 m).
2. Tuning: The antenna is tuned for best SWR at the operating frequency as usual. The filter is factory-tuned and ready for installation.



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

20/05/2010