

TMND-7616

700 MHz COMPACT DUPLEXER

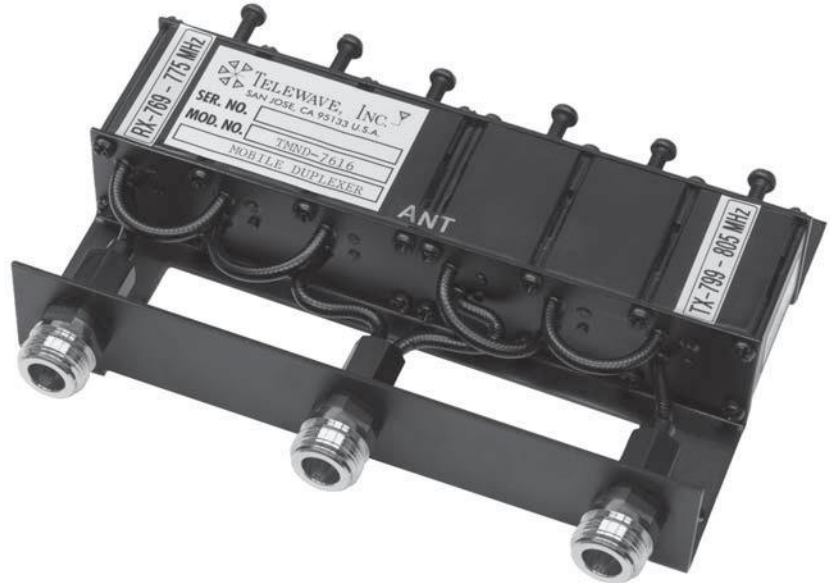
The Telewave.io TMND-7616 Compact Mobile Duplexer is a perfect complement to high performance mobile data systems running on 12.5 and 25 KHz channels.

The TMND-7616 covers 769-775 and 799-805 MHz with full 6 MHz band rejection. The compact size and form factor allow easy integration with any radio layout in all types of vehicles.

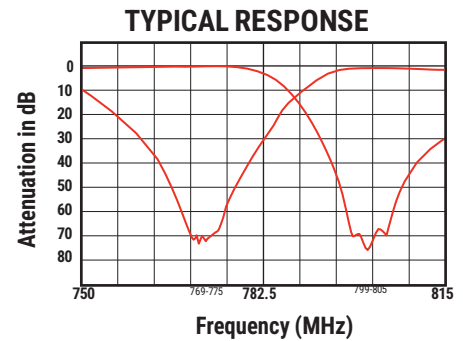
Each duplexer consists of six High "Q" helical resonators in a band-reject configuration. Field tuning can be performed if needed with easily accessible tuning elements on the rear of the unit.

The TMND-7616 operates with at least 30 MHz TX to RX separation. This configuration provides 67 dB of isolation, with low insertion loss.

All duplexers are tuned and tested prior to shipping. N female connectors are standard.



ELECTRICAL SPECIFICATIONS	
Frequency range (MHz)	769-775 / 799-805
Frequency separation (min)	30 MHz
Input power	25 watts
Impedance / VSWR (max)	50 ohms / 1.5:1
Insertion loss (TX/RX to antenna)	1.2 dB
TX noise at RX (min)	67 dB
RX attenuation at TX (min)	67 dB
TX-RX Iso. at 30 MHz sep. (min)	67 dB
Temperature range	-20°C to +60°C
Resonators	(6) - 1"
MECHANICAL SPECIFICATIONS	
Dimensions (HWL) in. (cm)	1.25 x 6.0 x 6.5 (3.2 x 15.2 x 16.5)
Connectors	BNC Female or N Female
Finish	Black acrylic enamel
Net weight lb. (kg)	2.0 (0.9)
Shipping weight lb. (kg)	3.0 (1.4)



Appearance of current production models may vary from picture.