



Features

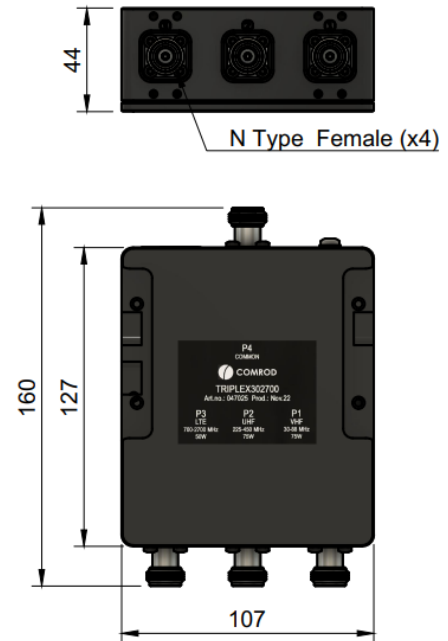
- Passive triplexer for combining three radios into a single antenna port
- COMMON 30-2700 MHz
VHF 30-88 MHz
UHF 225-450 MHz
LTE/4G 700-2700 MHz
- Low loss
- High isolation between bands
- HF protection filter to the VHF band

Electrical specification

	COMMON	VHF	UHF	LTE/4G
Frequency range	30-2700 MHz	30-88 MHz	225-450 MHz	700-2700 MHz
VSWR	1.5 typical (max 2)	1.2 typical (max 1.5)	1.3 typical (max 1.5)	1.5 typical (max 2.1)
Loss to Common port		-0.4 dB typical (max -0.7 dB)	-0.6 dB typical (max -0.9 dB)	-1 dB typical (max -1.8 dB)
Isolation		VHF-UHF < -40 dB VHF-LTE < -45 dB	UHF-VHF < -40 dB UHF-LTE < -40 dB	LTE-VHF < -45 dB LTE-UHF < -40 dB
Power rating		75 W PEP	75 W PEP	50 W PEP
HF Protect Filter	1-15 MHz to VHF < -30 dB 1-10 MHz to VHF < -50 dB			
Nominal Impedance	50 Ohm			
Connectors	4 x N Type female			

Mechanical specification

Design	Aluminum housing
Dimensions housing	127 x 107 x 44 mm 4.75 x 4.2 x 1.7 in
Dimension overall	160 x 107 x 44 mm 6.3 x 4.2 x 1.7 in
Weight	0.75 kg (1.65 lbs)
Temperature range	-55°C to +71°C, -67°F to +160°F

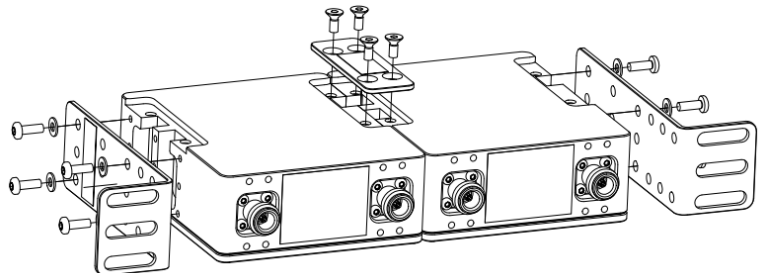


Mounting Accessories

Comrod has a large range of mounting brackets for combiners, diplexers and triplexers. The standard enclosure is 1U tall x quarter 19" rack width (44mm tall x 107mm wide x 160mm deep). Units can be joined side-by-side to fit into a 19" rack as shown below. Extension brackets are available for mounting one, two, three or four units into a 19" rack.

19" Rack Mounting

2 x units with joining bracket and 19" rack mounting brackets for a 19/2 rack. Extension brackets can be supplied to fit a full 19" rack.



Bulkhead Mounting

Combiner, diplexer or triplexer with bulkhead mounting brackets. Multiple units can be joined using the joining brackets and share the same bulkhead mounting brackets.

