

TRIPLEX 302700

Triplexer, VHF/UHF/L-Band (LTE)
30-88 MHz, 225-450 MHz, 700-2700 MHz
Control Systems, Couplers and Diplexers



Features

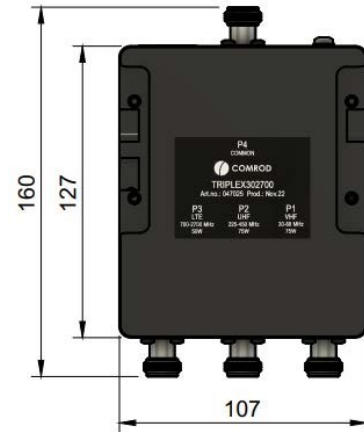
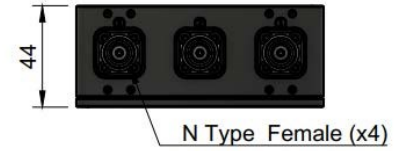
- Passive triplexer for combining three radios into a single antenna port
- COMMON 30-2700 MHz
VHF 30-88 MHz
UHF 225-450 MHz
LTE/4G 700-2700 MHz
- Low loss
- High isolation between bands
- HF protection filter to the VHF band

Electrical Specifications

	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 1-10 MHz to VHF	< -30 dB < -50 dB	
Nominal Impedance		50 ohm		
Connectors		4 x N Type female		

Mechanical Specifications

Design	Aluminium housing
Dimensions Housing	127 x 107 x 44 mm
Dimension Overall	160 x 107 x 44 mm
Weight	0.75 kg
Temperature Range	- 55°C to + 71°C

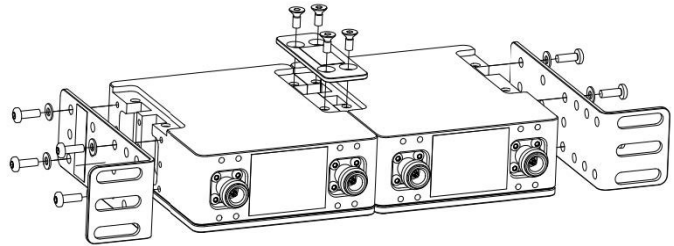


Mounting Accessories

Comrod has a large range of mounting brackets for combiners, diplexers and triplexers. The standard enclosure is 1U tall x quarter 19" rack width (44 mm tall x 107 mm wide x 160 mm 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.

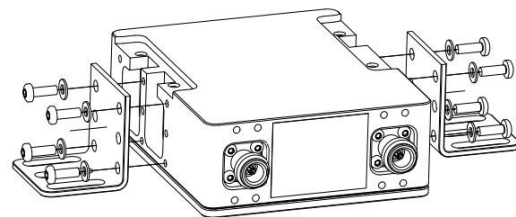
19" Rack Mounting

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.



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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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