

# Triplexer

1710 - 1880, 1920 - 2170 and 2500 - 2690 MHz

## PRODUCT FEATURES

- IP68-classified
- Very compact
- Rohs Compliant
- Low insertion loss
- DC and AISG Issue 2.0 Passthru on selected ports
- No need for tape or other external weatherproofing



ELECTRICAL CHARACTERISTICS	
COMMON FOR ALL	
<b>FREQUENCY RANGE</b>	1710 - 1880 MHz 1920 - 2170 MHz 2500 - 2690 MHz
<b>AVERAGE POWER HANDLING</b>	1710 - 1880 MHz: 80 W 1920 - 2170 MHz: 80 W 2500 - 2690 MHz: 80 W
<b>INTERMODULATION</b>	2 x 20 W transmitter: < -155 dBc
<b>IMPEDANCE</b>	50 ohm
<b>VSWR / RETURN LOSS</b>	1.29 / -18 dB
<b>INSERTION LOSS</b>	1710 - 1880 MHz: < 0.3 dB 1920 - 2170 MHz: < 0.3 dB 2500 - 2690 MHz: < 0.3 dB
<b>ISOLATION BETWEEN BANDS</b>	> 50 dB
<b>CONNECTORS</b>	DIN 7/16 female

DIMENSIONS AND WEIGHT	
<b>TRIPLEXER SINGLE</b>	
<b>WEIGHT</b>	3000 g (6.61 lb)
<b>DIMENSIONS</b>	200 x 155 x 47.5 mm H x W x D (7.87 x 6.10 x 1.87 in)
<b>TRIPLEXER SINGLE WITH BRACKET</b>	
<b>WEIGHT</b>	3300 g (7.28 lb)
<b>DIMENSIONS</b>	300 x 155 x 59.5 mm H x W x D (11.81 x 6.10 x 2.34 in)
<b>TRIPLEXER DUAL WITH BRACKET</b>	
<b>WEIGHT</b>	6600 g (14.55 lb)
<b>DIMENSIONS</b>	300 x 155 x 115 mm H x W x D (11.81 x 6.10 x 4.53 in)

COMT-1727-Bxyz		
x	y	z
Single = A	No bracket = 0	DC All ports = 0
Dual = B	Bracket = 1	DC block all ports = 1
		DC 1920 - 2170 MHz = 2
		DC 1710 - 1880 MHz = 3
		DC 2500 - 2690 MHz = 4
		DC block 1920 - 2170 MHz = 5
		DC block 1710 - 1880 MHz = 6
		DC block 2500 - 2690z MHz = 7