

Quadruplexer

698 - 960, 1710 - 1880, 1920 - 2170 and 2300 - 2690 MHz



PRODUCT FEATURES

- IP67-classified
- Low insertion loss
- DC and AISG Issue 2.0 Passthru on selected ports
- Mounting on wall or on poles in various dimensions
- No need for tape or other external weatherproofing

PRODUCT PROFILE

Exir Telecom's quadruplexer has been developed to keep intermodulation products at the lowest possible level.

ELECTRICAL CHARACTERISTICS	
COMMON FOR ALL	
FREQUENCY RANGE	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2690 MHz
AVERAGE POWER HANDLING	
698 - 960 MHz	120 W
1710 - 1880 MHz	120 W
1920 - 2170 MHz	80 W
2300 - 2690 MHz	80 W
INTERMODULATION	
2 x 20 W transmitter	< -156 dBc
IMPEDANCE	50 ohm
VSWR / RETURN LOSS	1.29 / -18 dB
INSERTION LOSS	
698 - 960 MHz	< 0.2 dB
1710 - 1880 MHz	< 0.3 dB
1920 - 2170 MHz	< 0.5 dB
2300 - 2690 MHz	< 0.5 dB
ISOLATION BETWEEN BANDS	> 50 dB
CONNECTORS	DIN 7/16 female

DIMENSIONS AND WEIGHT

QUADRUPLEXER SINGLE

WEIGHT	3800 g (8.38 lb)
DIMENSIONS	222 x 250 x 55 mm
H x W x D	(8.74 x 9.84 x 2.17 in)

QUADRUPLEXER SINGLE WITH BRACKET

WEIGHT	4200 g (9.26 lb)
DIMENSIONS	222 x 250 x 71.5 mm
H x W x D	(8.74 x 9.84 x 2.81 in)

QUADRUPLEXER DUAL WITH BRACKET

WEIGHT	8000 g (17.64 lb)
DIMENSIONS	222 x 250 x 130.5 mm
H x W x D	(8.74 x 9.84 x 5.14 in)

COMQ-0727-Axyz

x	y	z
Single = A	No bracket = 0	DC All ports = 0
Dual = B	Bracket = 1	DC block all ports = 1
		DC 2300 - 2690 MHz = 2
		DC 1920 - 2170 MHz = 3
		DC 1710 - 1880 MHz = 4
		DC 698 - 960 MHz = 5
		DC block 2300 - 2690 MHz = 6
		DC block 1920 - 2170 MHz = 7
		DC block 1710 - 1880 MHz = 8
		DC block 698 - 960 MHz = 9