

Diplexer

1800/2100 MHz



PRODUCT FEATURES

- IP68-classified
- Very compact
- High Reliability
- Rohs Compliant
- High Performance
- Low insertion loss
- No need for tape or other external weatherproofing

ELECTRICAL CHARACTERISTICS	
COMMON FOR ALL	
FREQUENCY RANGE	1710 - 1880 MHz 1920 - 2170 MHz
AVERAGE POWER HANDLING	1800 port 200 W 2100 port 100 W
INTERMODULATION	2 x 20 W transmitter < -150 dBc
IMPEDANCE	50 ohm
VSWR / RETURN LOSS	>20 dB
INSERTION LOSS	0.3 dB typical / Per Pass Band Edge: 0.5 dB
POWER HANDLING	100 W
OPERATING TEMPERATURE	-40 °C to +65 °C
ENVIROMENTAL PROTECTION	IP68
ISOLATION	>50 dB
CONNECTORS	DIN 7/16 female

WEIGHT AND DIMENSIONS	
DIPLEXER SINGLE WITH BRACKET	
WEIGHT	2800 g (6.2 lb)
DIMENSIONS	260 x 125 x 59.5 mm H x W x D (10.3 x 5.0 x 2.4 in)
DIPLEXER DUAL WITH BRACKET	
WEIGHT	5300 g (11.7 lb)
DIMENSIONS	260 x 125 x 114 mm H x W x D (10.3 x 5.0 x 4.5 in)

COMM-1822-Axyz		
x	y	z
Single = C	No bracket = 0	DC All ports = 0
Dual = D	Wall bracket = 1	DC block all ports = 1
	Pole bracket = 2	DC UMTS = 2
		DC DCS = 3