

Diplexer

1800/2100 MHz

PRODUCT FEATURES

- IP68-classified
- Very compact
- High Reliability
- Rohs Compliant
- High Performance
- 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 | |
| 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 < -155 dBc |
| IMPEDANCE | 50 ohm |
| VSWR / RETURN LOSS | >20 dB |
| INSERTION LOSS | 0.3 dB typical / Per Pass Band Edge: 0.5 dB |
| 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 1920 - 2170 MH = 2 |
| | | DC 1710 - 1880 MHz = 3 |