Triplexer

Wire the common feed to ANT. The band ports are C at 750–960 MHz, B at 1800–2200 MHz and A at 2600–2700 MHz. Use the terminal letters when routing the harness, since the lowest band uses the C connector.

RF Performance

Parameter	Value
Passband B1	750–960 MHz (C)
Passband B2	1800–2200 MHz (B)
Passband B3	2600–2700 MHz (A)
Passband Insertion Loss	≤ 1 dB
Passband ripple	≤ 0.8 dB
VSWR	≤ 1.5
Inter-port isolation	≥ 30 dB

Design ratings Guaranteed by design

Parameter	Value
Power Handling	30 W
Operating Temperature	−20–+60 °C

Mechanical and Interface Specifications

Parameter	Value
RF Interface	SMA-F
RF Impedance	50 Ω
Surface finish	Gray baked paint
Common port	ANT
Branch port markings	C, B, A
B1	C
B2	B
B3	A
Housing dimensions	125 × 75 × 31 mm (Excludes protruding RF connectors.)
Mounting pattern	four M2.5 holes, 8 mm deep (119 × 69 mm)

Installation and Integration

Clean the surface without immersing the unit in cleaning solution. Consult LCRF before ordering for applications in which the entire unit will be heated above 125 °C.

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.