SMA-K Duplexer

Maximum passband loss is 0.5 dB on L and 1.2 dB on H. Rejection on L is ≥20 dB over 1398–2880 MHz.

RF Performance

Parameter	Value
Common port	com
Passband L	699–960 MHz
Passband H	1398–6000 MHz
Passband Insertion Loss L	≤0.5 dB
Passband Insertion Loss H	≤1.2 dB
VSWR L	≤1.8
VSWR H	≤2
Out-of-band rejection L	≥20 dB (1398–2880 MHz)
Out-of-band rejection H	≥50 dB (699–960 MHz)

Design ratings

Guaranteed by design

Parameter	Value
Power Handling	15 W
Operating Temperature	−40–+85 °C

Mechanical Specifications

Parameter	Value
RF Interface	SMA-K
RF Impedance	50 Ω
Connector material	Stainless steel
Housing material	6061 aluminum
Housing Dimensions	140 × 70 × 10 mm
Mounting Hole Centre Spacing	130 × 60 mm
Mounting holes	Ø3.2 mm (4 mounting locations shown)

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.