

# LC Duplexer

## ALCD400M520M40N

### Revision record

Date	Version	Author	Revision description	Comment
2024/12/19	V1.0	Sam	Created	/

### Electrical specification

Parameter	Specification	
	Low	High
Frequency range	DC-400MHz	440-520MHz
Insertion loss	≤1.0dB	≤1.0dB
VSWR	≤1.5:1	≤1.5:1
Isolation	Low to High port ≥40dB	
Max. Input Power	50W CW	
Operating temperature range	-30°C to +60°C	
Impedance	50Ω	

### Mechanical specification

Parameter	Specification
Dimension	L x W x H: 65mm x 80mm x 31mm
Connectors	N-Female
Waterproof	IP64
Finish	Black Paint
Notes	Material shall be RoHS 6/6

**Outline**

