

Features

- Cavity Duplexer
- Very compact size and low weight. (70.0 x 82.0 x 15.0 mm)
- 1.1 dB typical Insertion loss @ room temp.
- 65 dB typical Isolation.



Electrical Specifications

Duplexer High Path (Band2 → ANT)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	5,140 MHz ~ 5,150 MHz	BW = 10 MHz
Insertion Loss	1.3 dB Max.	
Pass Band Ripple	0.6 dB Max.	
Return Loss	16.0 dB Min.	
Isolation	60.0 dB Min.	@ 5,030 MHz ~ 5,091 MHz
Max Power	10 Watts	CW
Impedance	50 Ω	

Duplexer Low Path (ANT → Band1)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	5,030 MHz ~ 5,091 MHz	BW = 61 MHz
Insertion Loss	1.3 dB Max.	
Pass Band Ripple	0.6 dB Max.	
Return Loss	16.0 dB Min.	
Isolation	60.0 dB Min.	@ 5,140 MHz ~ 5,150 MHz
Impedance	50 Ω	

Environmental

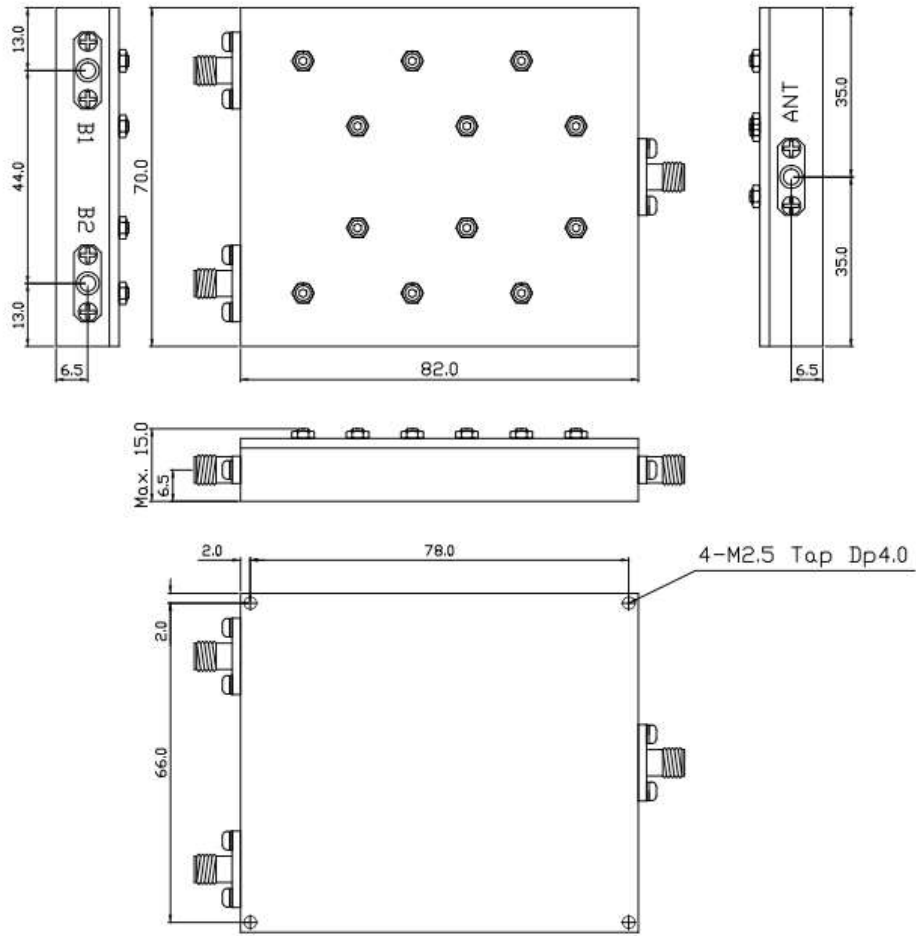
Operating temperature range -40 to +60 °C

Mechanical

Dimensions¹⁾ 70.0 x 82.0 x 15.0 mm

1) Exclude connectors

Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

Typical Response



Duplexer Band1 path Transmission



Duplexer Band2 path Transmission