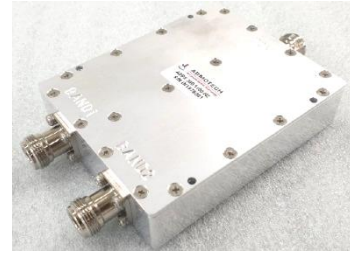


### Features

- Band Duplexer
- Very compact size and low weight. (90 x 110 x 24 mm)
- 0.7 dB typical Insertion loss @ room temp.



### Electrical Specifications

#### Duplexer Band 1 Path (Band 1 → COM)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	100 MHz ~ 500 MHz	BW = 400 MHz
Insertion Loss	1.0 dB Max.	Over whole temp. range
VSWR	1.5 : 1 Max.	
Rejection	60.0 dB Min.	@ DC ~ 40 MHz
	70.0 dB Min.	@ 960 ~ 1,240 MHz
Max Input Power	200 Watts	
Impedance	50 Ω	

#### Duplexer Band 2 Path (COM → Band 2)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	960 MHz ~ 1,240 MHz	BW = 280 MHz
Insertion Loss	1.0 dB Max.	Over whole temp. range
VSWR	1.5 : 1 Max.	
Rejection	60.0 dB Min.	@ 1,800 ~ 3,000 MHz
	70.0 dB Min.	@ DC ~ 500 MHz
Impedance	50 Ω	

### Environmental

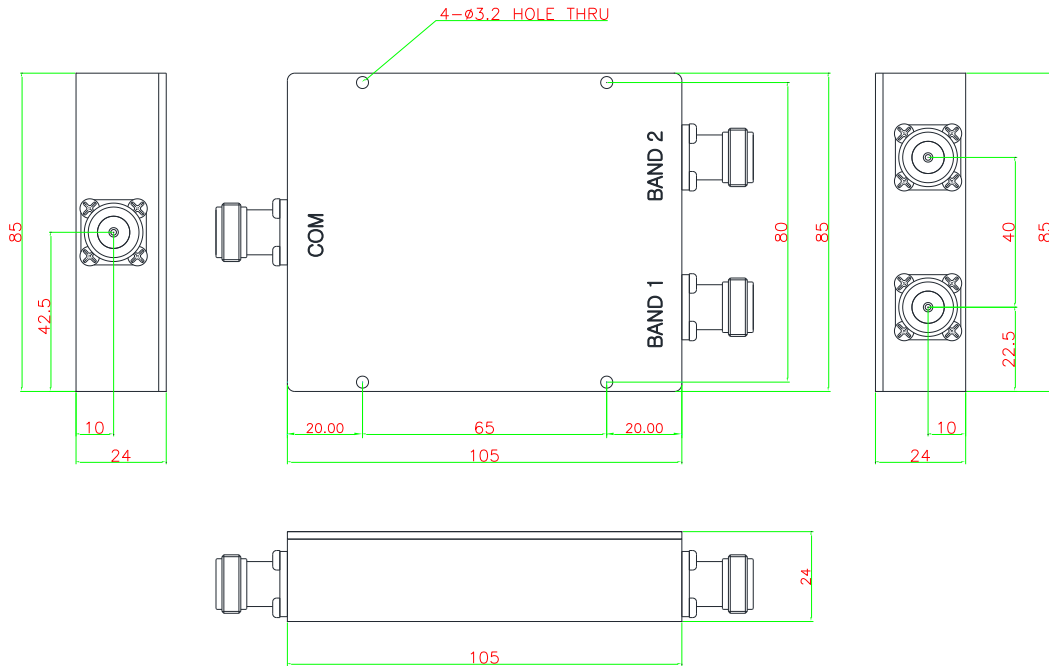
Operating temperature range      -30 to +60 °C

### Mechanical

Dimensions<sup>1)</sup>                              90 x 110 x 24 mm

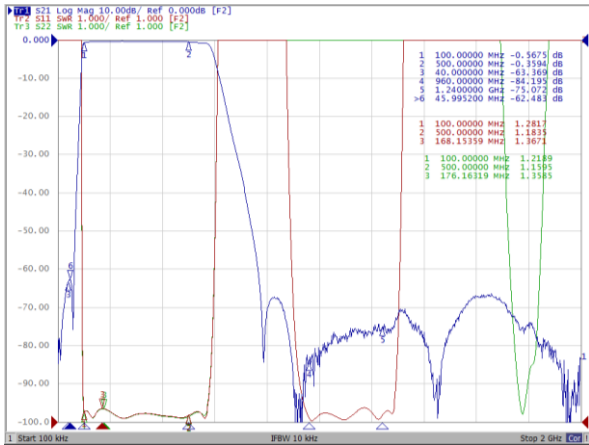
1) Excluding connectors, and mounting bracket extension

# Outline Drawing

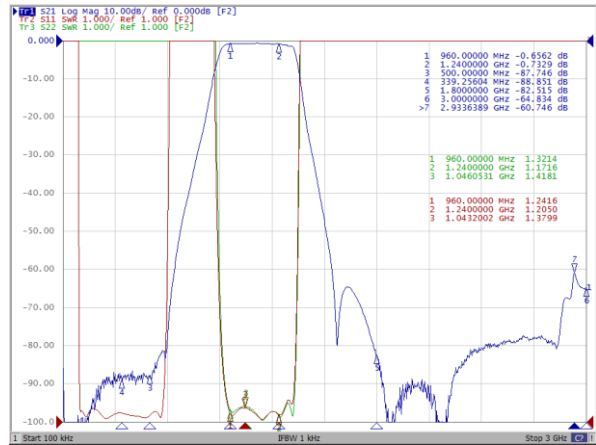


Units : mm, Tolerance : +/- 0.2 mm

# Typical Response



Duplexer Band 1 path Transmission



Duplexer Band 2 path Transmission