



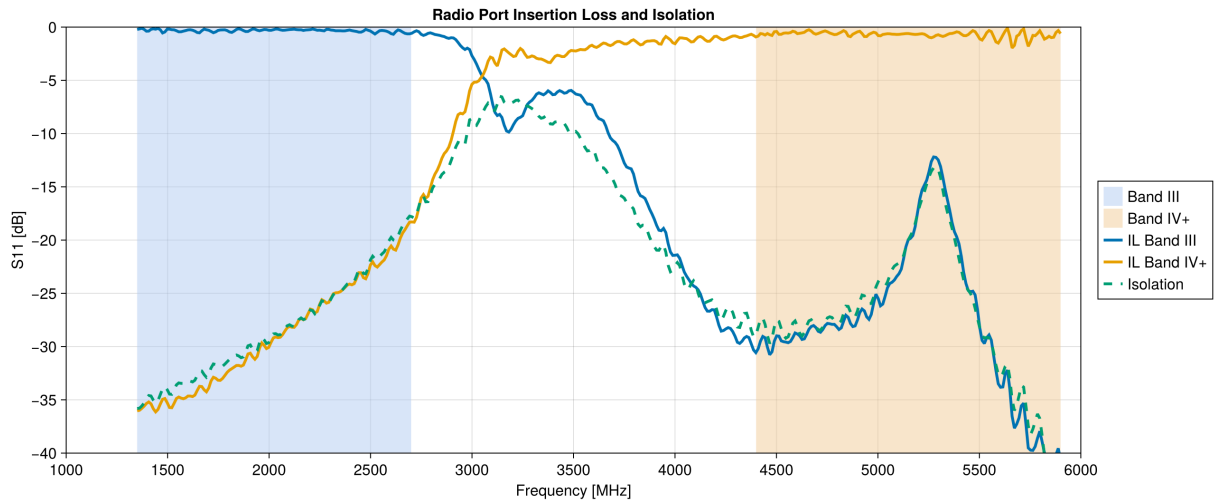
Features

- Dual-band diplexer for utilizing two 2x2 MIMO radios with a dual-polarized antenna
- Band III 1.35 - 2.7 GHz
Band IV+ 4.4 - 5.9 GHz
- Low loss
- Good isolation between bands

Electrical specification

Band	Band III	Band IV+
Frequency Range	1.35 – 2.7 GHz	4.4 – 5.9 GHz
VSWR	< 1.6:1	< 1.7:1
In-band Loss	0.4 dB typ. 0.8 dB max.	0.7 dB typ. 2.0 dB max.
Isolation	27 dB typ. 16 dB min.	25 dB typ. 12 dB min.
Power Rating	10 W CW	
Nominal Impedance	50 Ohm	
Connectors	6 TNC female (3 per diplexer)	

Electrical specification (continued)



Mechanical specification

Design	Aluminum housing
Dimensions housing	79 x 52 x 38 mm
Dimensions overall	108 x 94 x 47 mm
Weight	290 g
Temperature range	-55°C to +71°C, -67°F to +160°F

