

Features

- 5G Optimised, 25 to 31 GHz
- Isolation 15 dB
- Loss 2 dB
- Compact Size with 25.4 x 15.2 x 10.2 mm



Figure 1. Photo of Power Combiner

Electrical Specifications

Parameter	Conditions	Unit	Min.	Typ.	Max.
Operating Frequency		GHz	25	---	31
Insertion Loss	25 to 31 GHz	dB		2	
Return Loss	25 to 31 GHz	dB	---	10	
Isolation	25 to 31 GHz	dB	---	15	---

Device Specifications

Parameter	Conditions	Unit	Specification
Combiner and Splitter Ports	---	---	2.92 mm (K-type)
Exposed Material	---	---	Polyurethane
Weight	---	g	12
Main-Body Dimension	Length	mm	25.4
	Width	mm	15.2
	Height	mm	10.2

Typical Performances

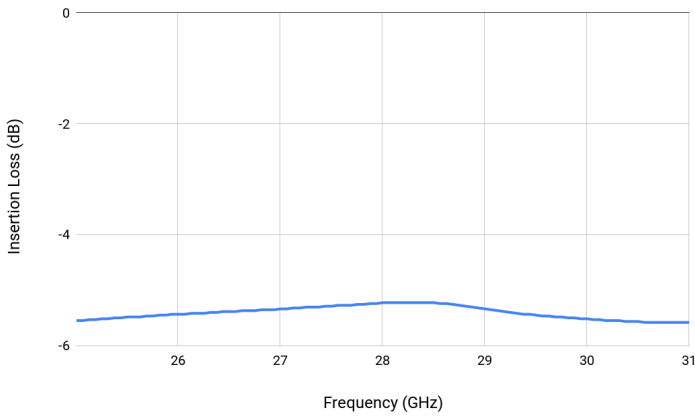


Figure 2. Insertion Loss

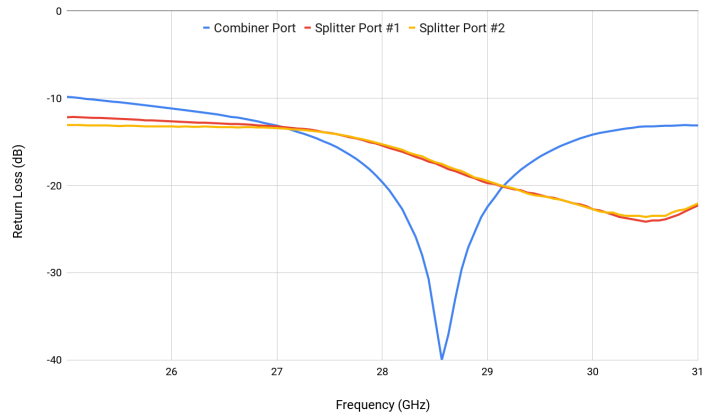


Figure 3. Return Loss

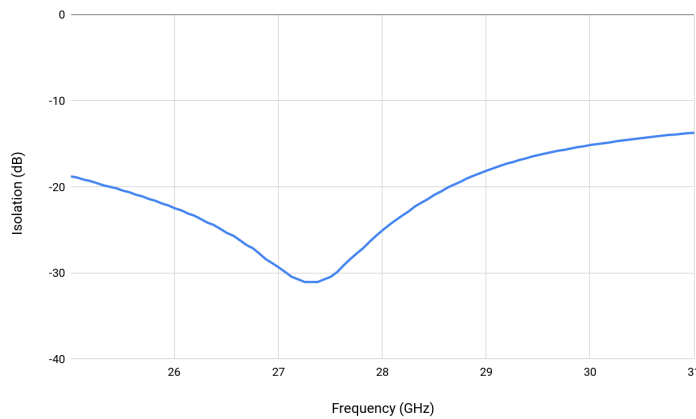


Figure 4. Isolation

Appearance

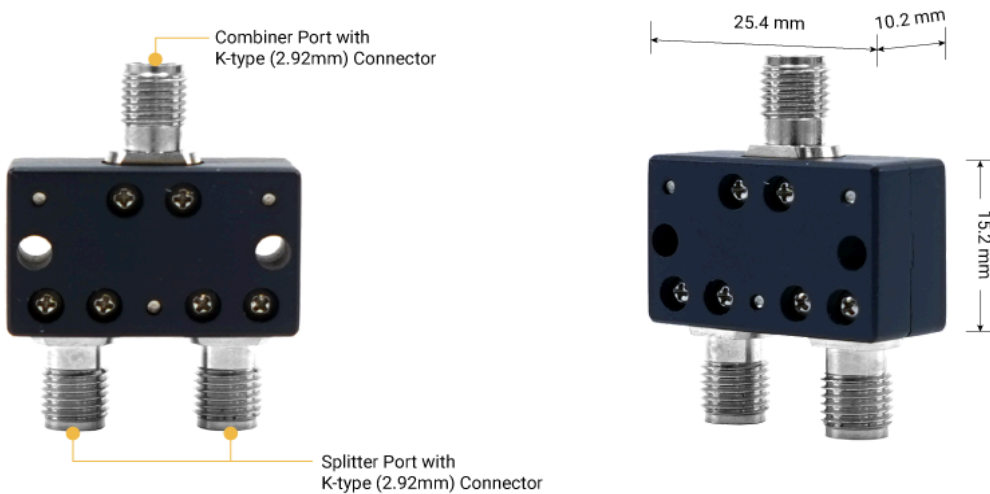


Figure 5. Appearance dimensions & Interface