

Dual Band RF Tap 800MHz/1900MHz (10dB coupled port)

310-010134-001

Dual-wideband design covering the 800MHz and 1900MHz bands. (698MHz-960MHz, 1710MHz-2170MHz)

The perfect RF tap solution for both 800Mhz and 1900MHz bands. This high-quality, Ntype RF tap includes a 10db coupled port, ideal for monitoring the system without interrupting service, or for splitting a small portion of the signal for another use. The tap causes minimum insertion loss to the main signal, even if left open (unterminated).

Like all Praxsym products, this high-quality device has honest specifications, and is well documented over both operational bands (see typical plots on the next pages). Contact Praxsym for all of your similar needs.



Typical Specifications*

Operating Freq (MHz) band 1	698 - 960
Operating Freq (MHz) band 2	1710 - 2170
Insertion Loss (dB) coupled port open	<2.2
Insertion Loss (dB) coupled port terminated	<2.0
Return Loss (dB)	-12
Power Rating (W)	5
Coupled Port Power (dB)	-10 +/-1
Coupled port return loss (dB)	-10

*measurements reflect a 50Ω load

Dimensions & Connectors

1.85" W x 2.50" L x 1.025" H
(excluding RF connectors)
RF – N-type connectors

Connectors

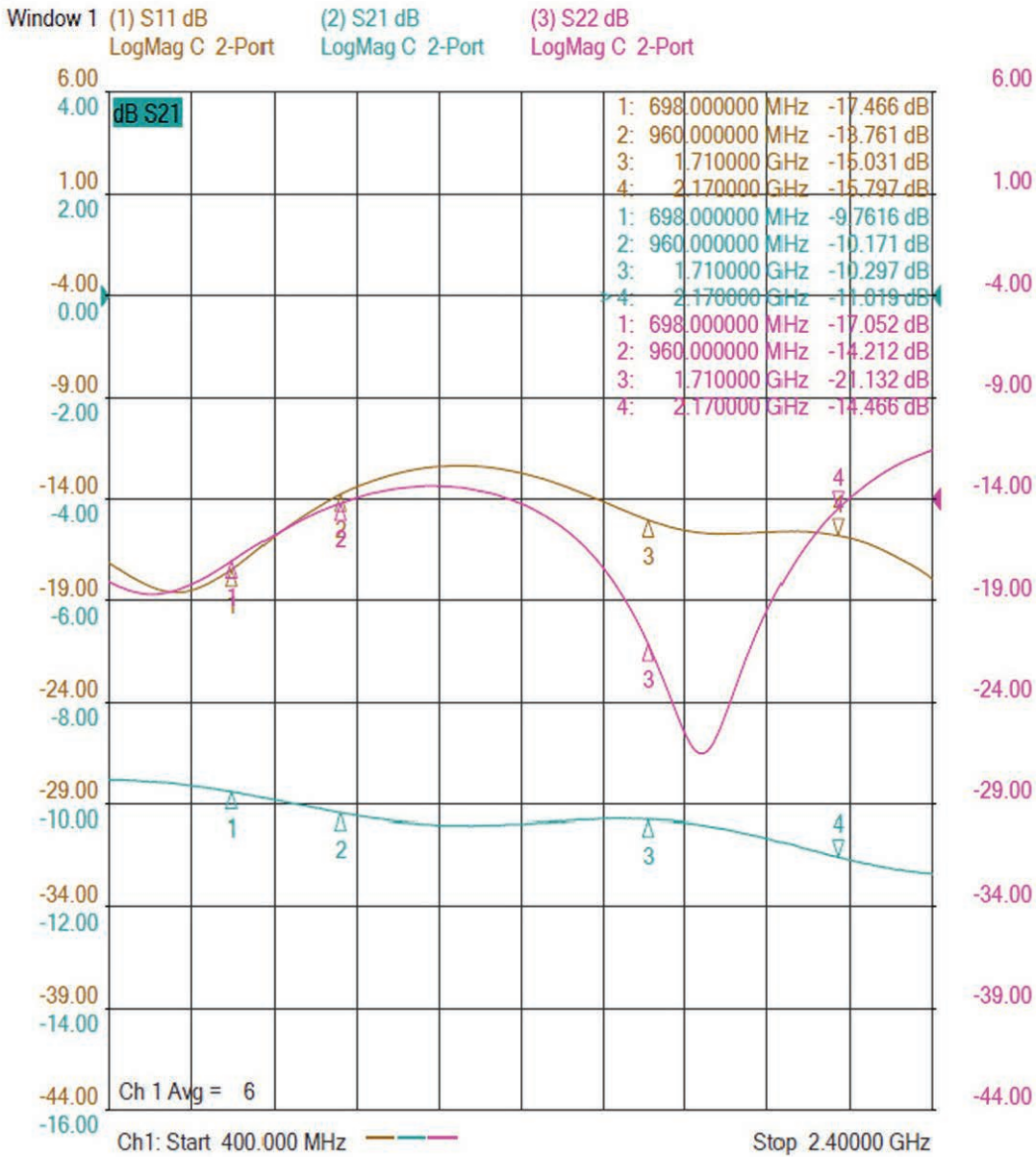
Left side thru line	N jack (f)
Right side thru line	N plug (m)
Coupled port	N jack (f)

- ▶ Small form factor
- ▶ Excellent return loss in band
- ▶ Low insertion loss (open coupled port)
- ▶ Passive device
- ▶ Machined aluminum housing

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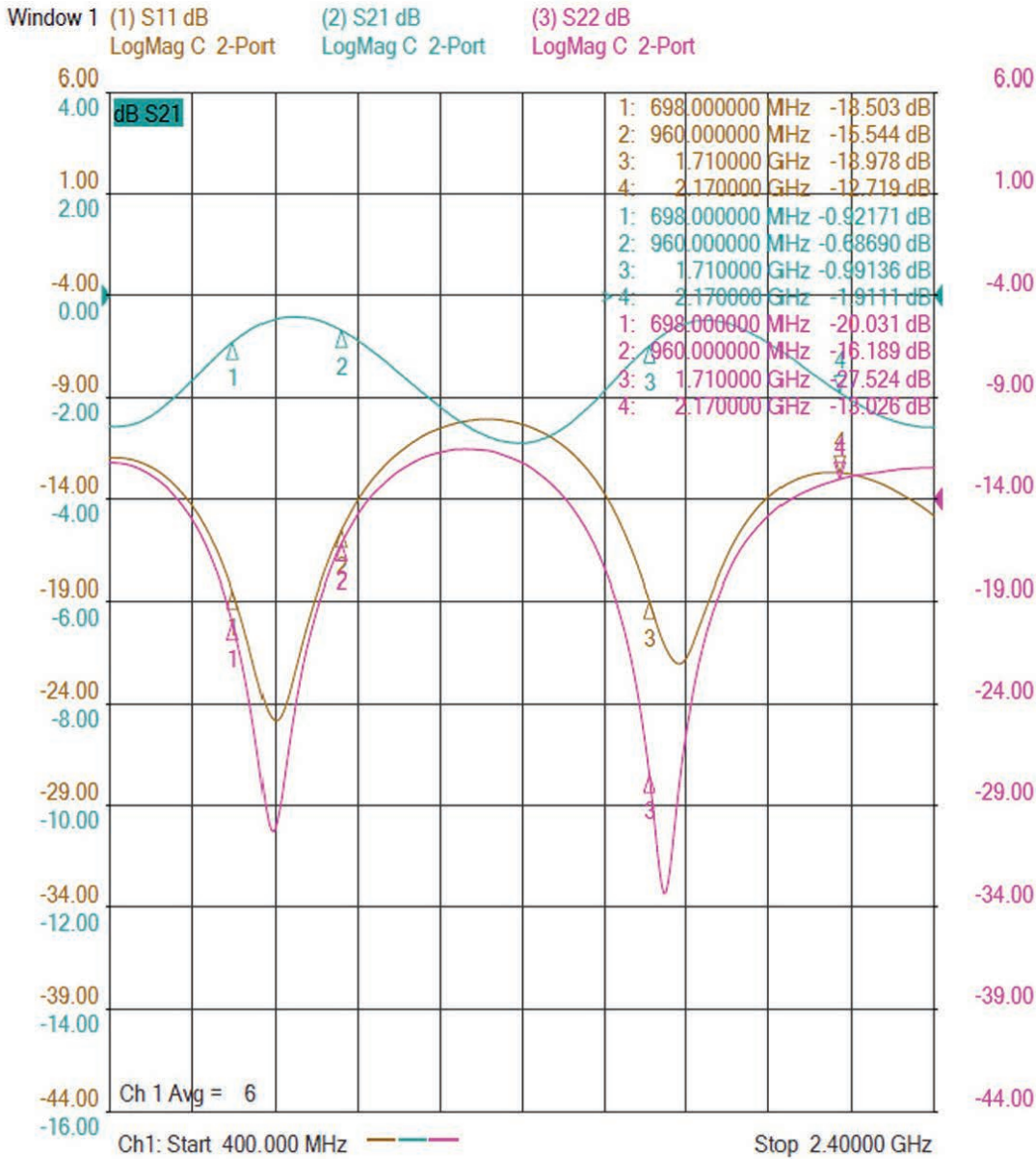
Coupled Port



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Thru-line (coupled port open)



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Thru-line (coupled port terminated in 50 ohms)

