

# 800MHz RF Tap *10dB coupled port*

310-010130-001

## Single narrowband design covering 806MHz to 869MHz

Praxsym's RF Tap affords access to a cable system for monitoring function and performance without interrupting service. The tap also causes minimal insertion loss when the coupled port is open, as in normal system operation.

### Typical Specifications\*

Operating Freq (MHz)	806 - 869
Insertion Loss (dB)	1.0
Return Loss (dB)	-14
Power Rating (W)	2
Coupled Port Power (dB)	-10 +/-0.2
Coupled port return loss (dB)	-10

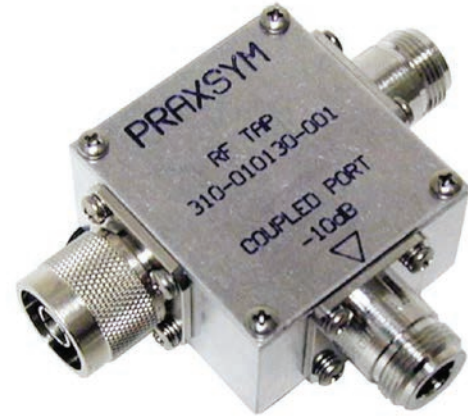
*\*measurements reflect a 50Ω load*

### Dimensions & Connectors

1.25" W x 1.50" L x 1.00" 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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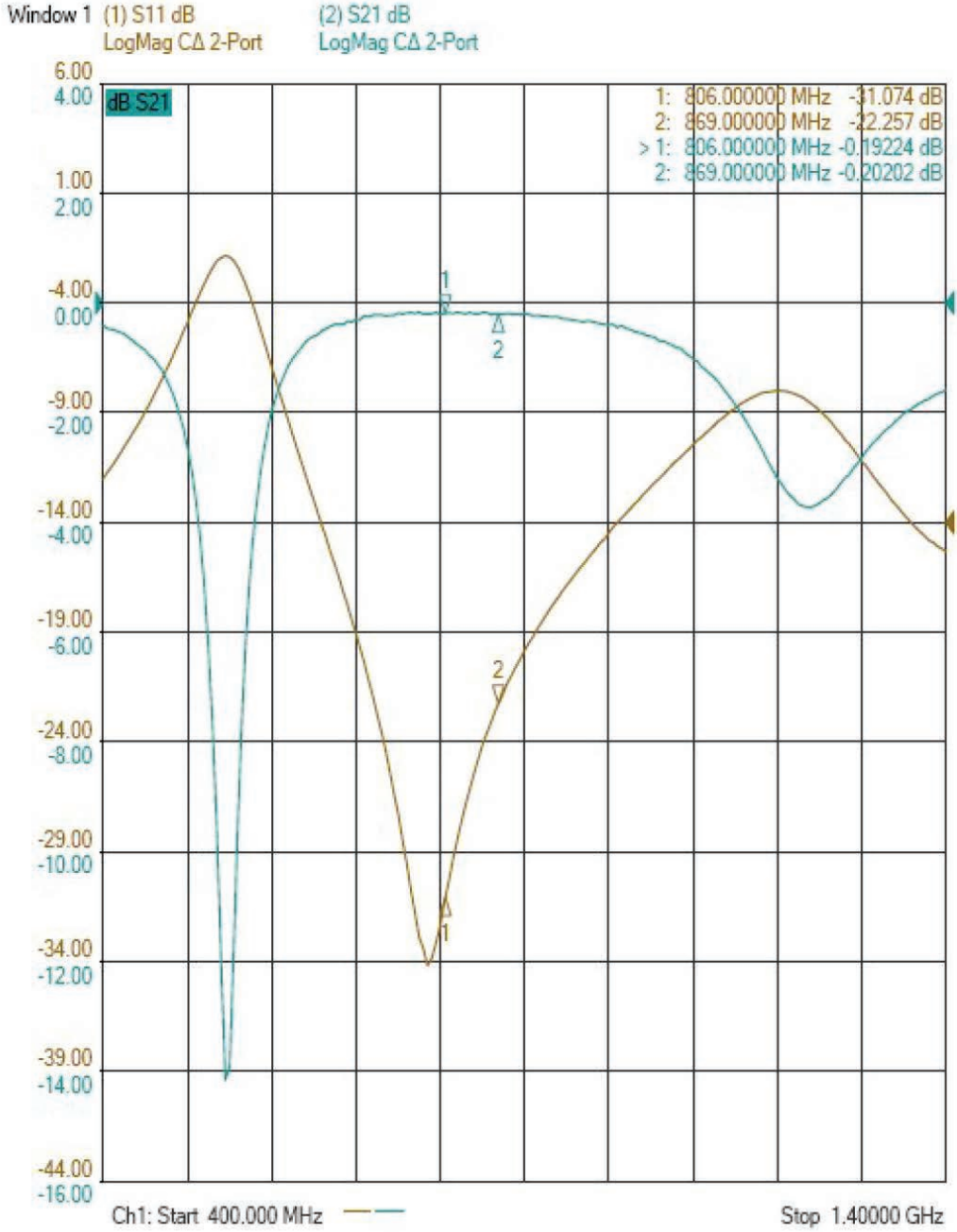
## Coupled Port



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## Thru-line (coupled port open)



# 800MHz RF Tap 10dB coupled port

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## Thru-line (coupled port terminated)

