Features and Benefits

ANTRONIX®

20 dB Tap Test Probe
MHPR-2020

This 20dB test probe allows a technician to check signal levels on 2.0 GHz taps and passives. The probe has a spring-loaded stinger to connect to the adjacent 5/8-24 entry port of a SCTE-264 compliant tap or SCTE-265 compliant line passive.

The probe has an internal AC/DC blocking filter to prevent damage to test equipment.

Test Probe Coupling Loss (Tap Input to Probe Output)

Frequency (MHz)	Nominal (dB)	Tolerance (dB)
5-1800	-20	±1.0*
1800-2000	-20	+1.0
		-2.0

*Additional Tap Insertion Loss during Measurement with Probe***

	Tap Value	Tap Value
2 Port Tap:	29, 26, 23, 20, 17, 14, 11	8
4 Port Tap:	29, 26, 23, 20, 17, 14	11
8 Port Tap:	29, 26, 23, 20, 17	14

Frequency (MHz)	Nominal (dB)	Nominal (dB)	Tolerance (dB)
5	5.0	6.8	±1.0
550	5.4	7.9	±1.0
750	5.5	7.9	±1.0
870	5.5	7.9	±1.0
1000	5.7	8.4	±1.0
1200	6.0	8.9	±1.2
1400	6.3	8.9	±1.2
1600	6.4	9.0	±1.5
1800	6.9	9.0	±1.5
2000	6.9	9.5	±1.5

* ±1.5 dB when test probe used on terminating tap (2 way 4dB tap, 4 way 8dB tap, 8 way 11dB tap)

** While using the probe, there is additional Insertion Loss through the tap only when the probe is inserted in the test port. Measured from Tap Input to Tap Output while probe is inserted.

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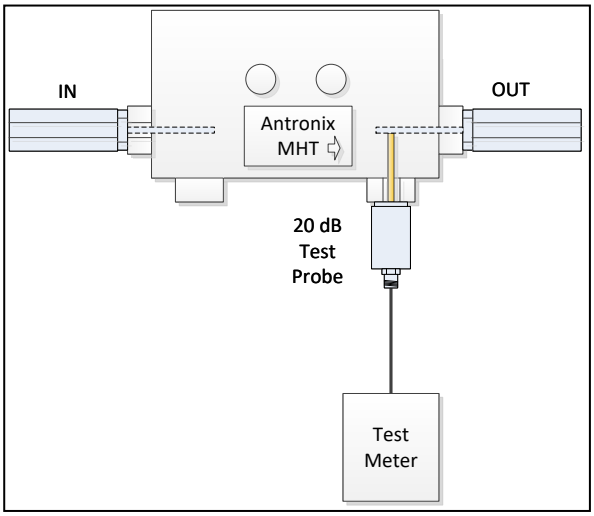
To Determine Signal Level at the Passive:

Screw in the Test Probe in the adjacent port to have a 20dB Test Point in a cascade.



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