Features and Benefits

High Split Upstream Tap Test Probe
MHPR-LP204

This low pass filter test probe allows a technician to measure upstream signal and noise 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)
5-204	-4.0	±0.80

*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)**	**Tol. (dB)**
5	4.9	6.8	±1.2
54	4.9	7.9	±1.2
108	6.0	8.0	±1.2
204	6.7	9.2	±1.5
204-258	Diplexed		
258	3.9	6.8	±1.5
400	3.7	6.4	±1.2
550	4.8	7.4	±1.2
750	6.1	8.5	±1.2
870	6.4	8.8	±1.2
1000	6.6	9.3	±1.2
1200	6.2	9.1	±1.2
1400	5.1	7.8	±1.5
1600	4.3	6.9	±1.5
1800	4.2	6.7	±1.5
2000	4.8	7.4	±1.5

* 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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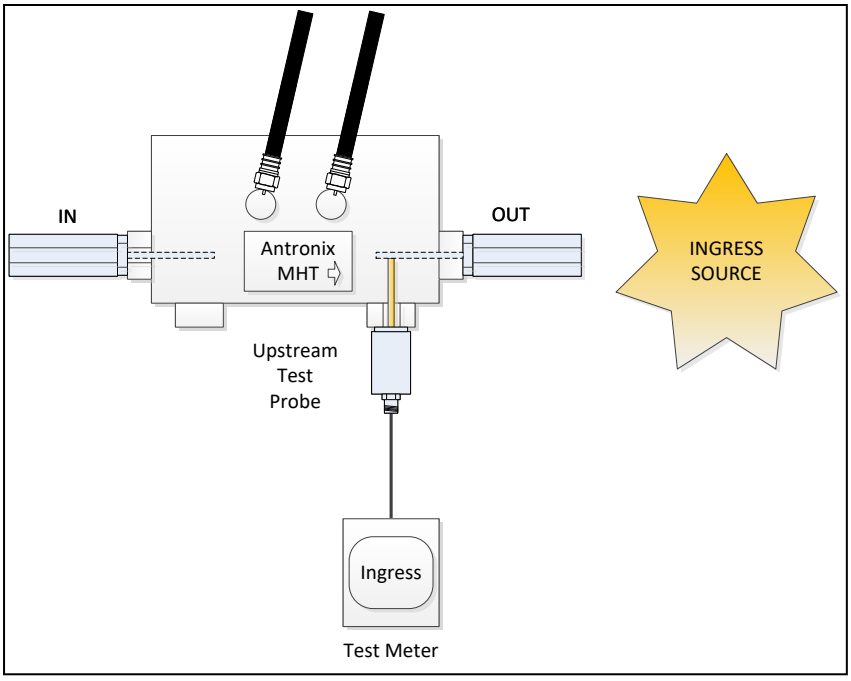
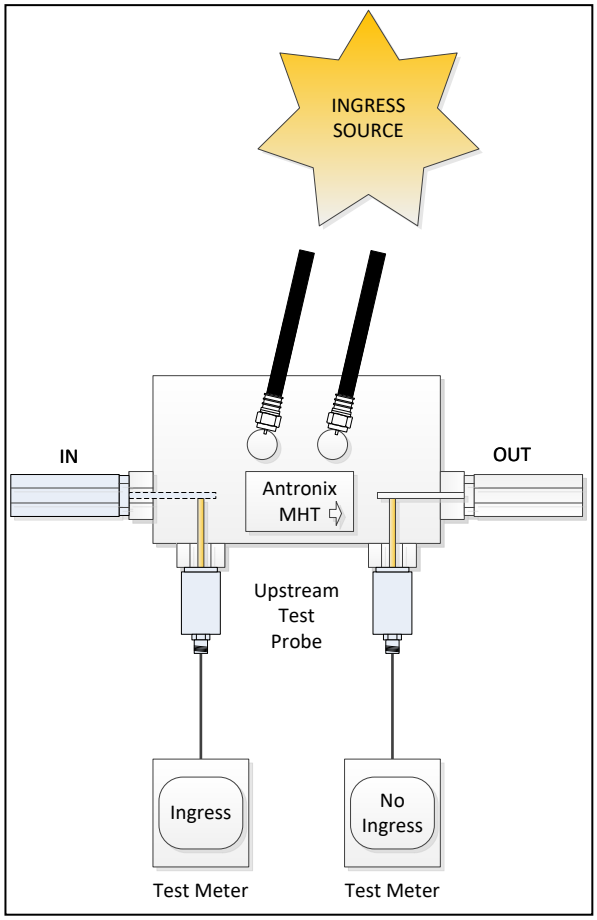
To Locate Ingress:

If ingress is present at Output port of a tap, ingress source is farther down the cascade.



If ingress is present at Input port but not at the Output port of the tap, ingress source is coming from one of the tap ports.



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