PRODUCT BRIEF

OSCILLOSCOPE PROBING SOLUTIONS

RSH1
Remote Sampling Head

Clean Probing of Parallel Buses

Ten Active Probes Integrated Into a Clean, Shielded Form Factor

Introspect's multi-conductor MIPI probe solution provides a simple connectorized interface for easy attachment to 4-lane MIPI D-PHY buses. Where multiple probes can result in a messy and tedious workspace, or where signals are in hard-to-reach areas, this remote sampling head enables a super clean signal probing setup.

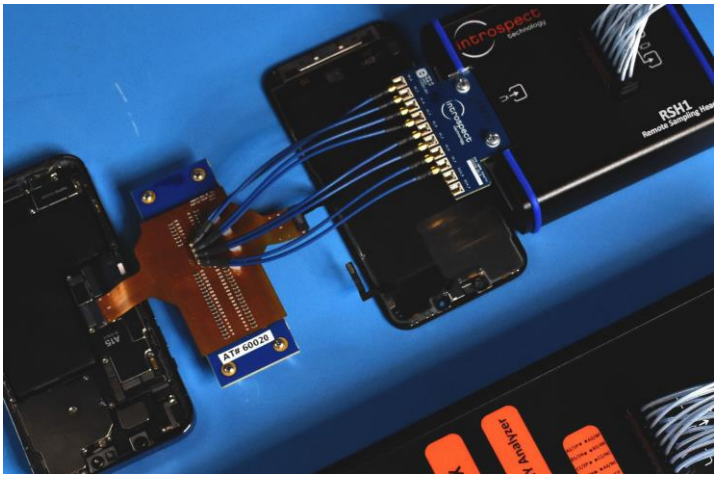
KEY FEATURES:

- **Active Probing Solution:** high input impedance and active signal amplification
- **Shielded From EMI issues:** all active components are shielded from external electromagnetic signals
- **Standard 50 Ohm Co-Axial Output Interface:** compatible with any 50 Ohm instrument

KEY BENEFITS:

- **Minimized Loading**: especially useful for low-voltage applications such as MIPI or embedded DisplayPort
- **Low Noise:** enables high-reliability protocol analysis or bit error rate testing
- **Multiple Connection Modes:** permanent or temporary attachment to DUTs

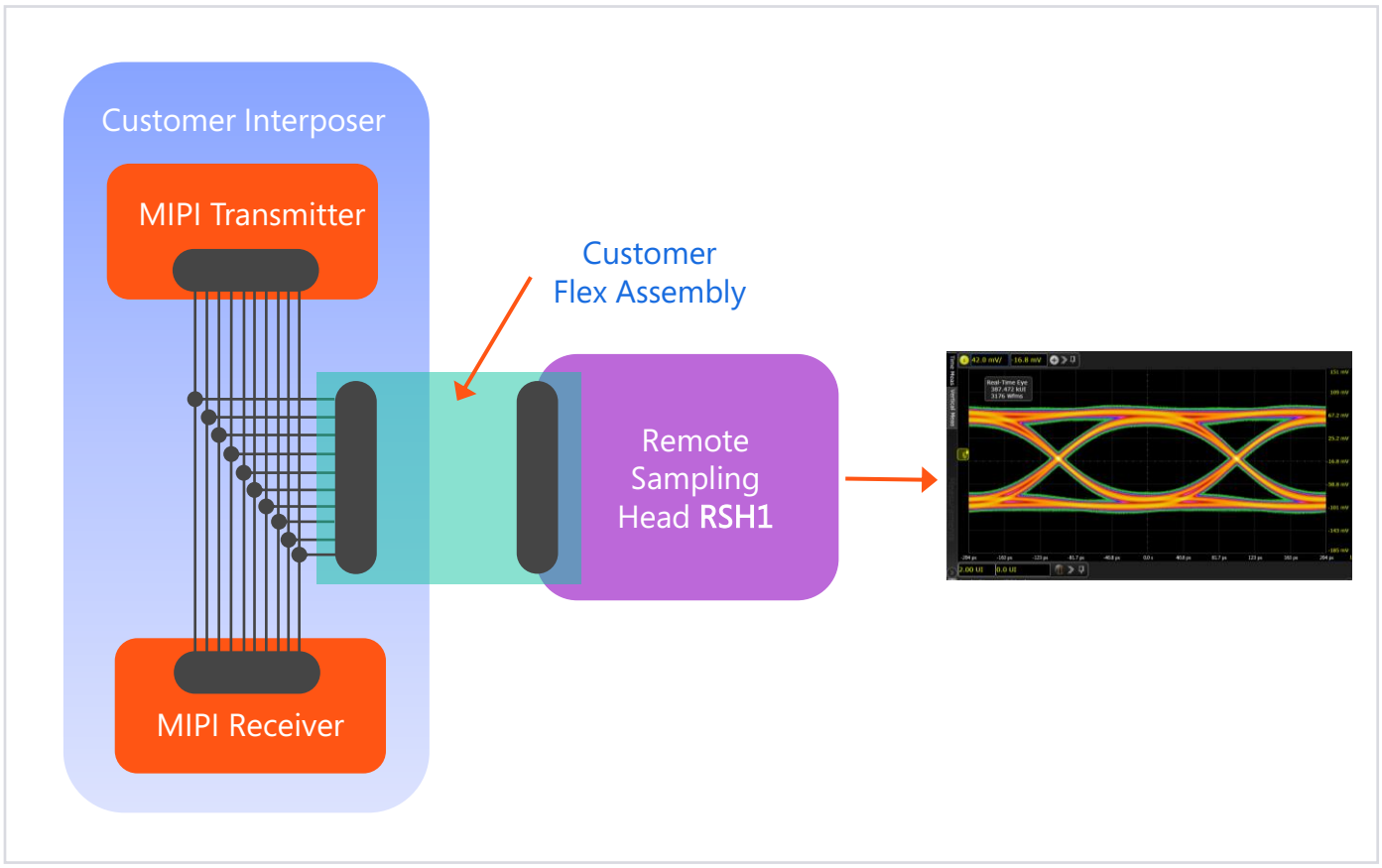
Typical Application: Form Factor Probing of MIPI-Based Designs



KEY PERFORMANCE PARAMETERS

PARAMETER	VALUE	DESCRIPTION
Rise Time	62 ps	20%-80% value
Linearity	50 dB	Spurious free dynamic range measured at 5 MHz and across entire voltage range
Standard Solder-In Tip		
Input Impedance	600 Ω	
Linear Range	-0.4 V to 0.6 V	
Maximum Voltage Range	-1.5 V to 1.8 V	

Obtain the most pristine high fidelity signal measurements with the RSH1 Remote Sampling Head



The customer flex assembly connects MIPI signals to a probing solution such as the Introspect RSH1 Remote Sampling Head as shown above.