



GORE™ InfiniBand™

ASSEMBLIES

Single and Double Data Rates Up to 20 Gbit/sec*

** Total Bandwidth*

Summary

GORE™ InfiniBand™ Assemblies provide superior signal fidelity over long distances using the smallest, most flexible cable. The assemblies are engineered to be compliant with the IBTA specifications, and to work beyond the standard InfiniBand data rate (up to 5 Gbits/sec/channel). They are available in standard lengths up to 20 meters, but can also be purchased for custom applications in a variety of gauge sizes and lengths up to 50 meters*.

GORE CABLE

GORE™ InfiniBand™ Cable Assemblies incorporate semi-automated manufacturing, innovative cable and connector designs, and unique materials to provide interconnects ideally suited for InfiniBand™ applications. GORE™ InfiniBand™ Assemblies use low dielectric materials and GORE™ EYE-OPENER+® Technology to deliver exceptional signal fidelity over long distances in the smallest cross-sectional area.



ATTENUATION PER METER (dB)

AWG	2.5 Gbps		5Gbps	
	SPC	EOP	SPC	EOP
24	-0.76	-0.73	-1.12	-1.07
26	-0.94	-0.90	-1.38	-1.31
28	-1.18	-1.12	-1.70	-1.62
30	-1.47	-1.39	-2.11	-2.00

“We go to great lengths.” The GORE™ InfiniBand™ Assemblies are available up to 50 meters for non-standard or proprietary applications.

FEATURES AND BENEFITS

- Meet all IBTA specification requirements
- Low Near-End Crosstalk (NEXT)
- Ultra-low loss
- GORE™ Patented EYE-OPENER+® Technology
- Up to 20 Gbit/sec data rate capability
- Plug compatibility with any IBTA-compliant latch or jackscrew receptacle
- Ergonomic Two position latching (locked/unlocked)
- Small diameter to allow for easier handling and cooling

*Maximum length is determined by specific system design parameters such as signal conditioning and layout. For determining maximum lengths, please contact W. L. Gore & Associates.



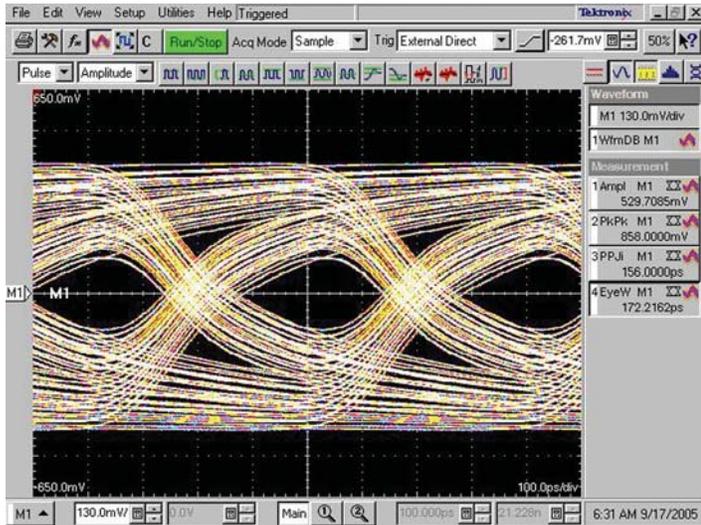
GORE™ InfiniBand™

ASSEMBLIES

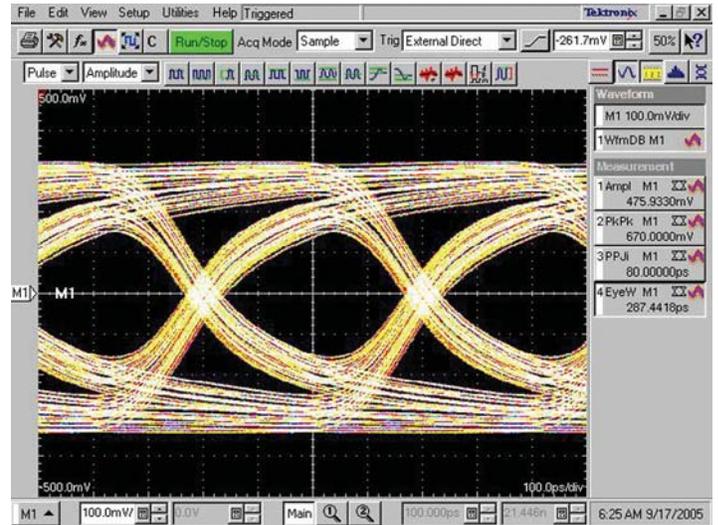
Single and Double Data Rates
Up to 20 Gbit/sec*

SDR – 10 Meter

SPC

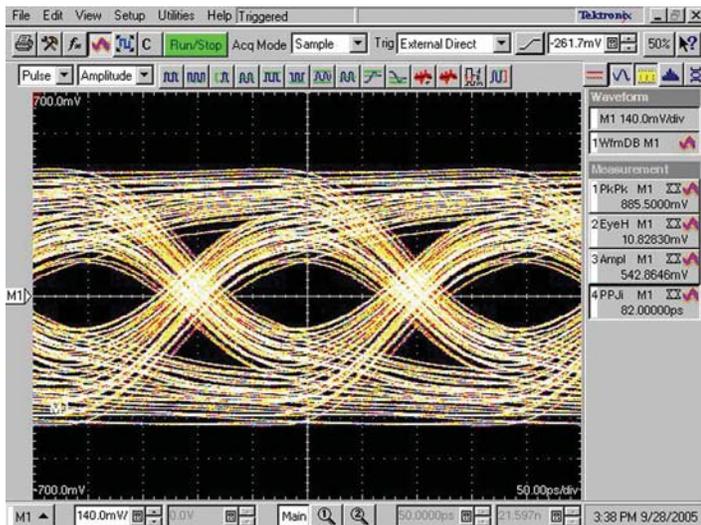


EO+

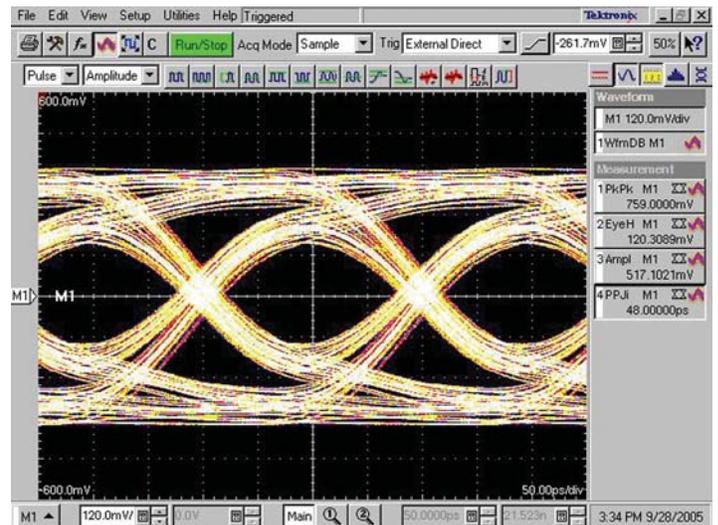


DDR – 7 Meter

SPC



EO+



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