

Parallel Optics as Solution for 10GbE

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10GbE Link Solutions

OPTICAL POSSIBILITIES

- 10 Gbps Serial @ 1300/1550 & 850 nm
- 4 x 2.5 CWDM @ 1300 nm
- *Parallel Optics* @ 850 nm



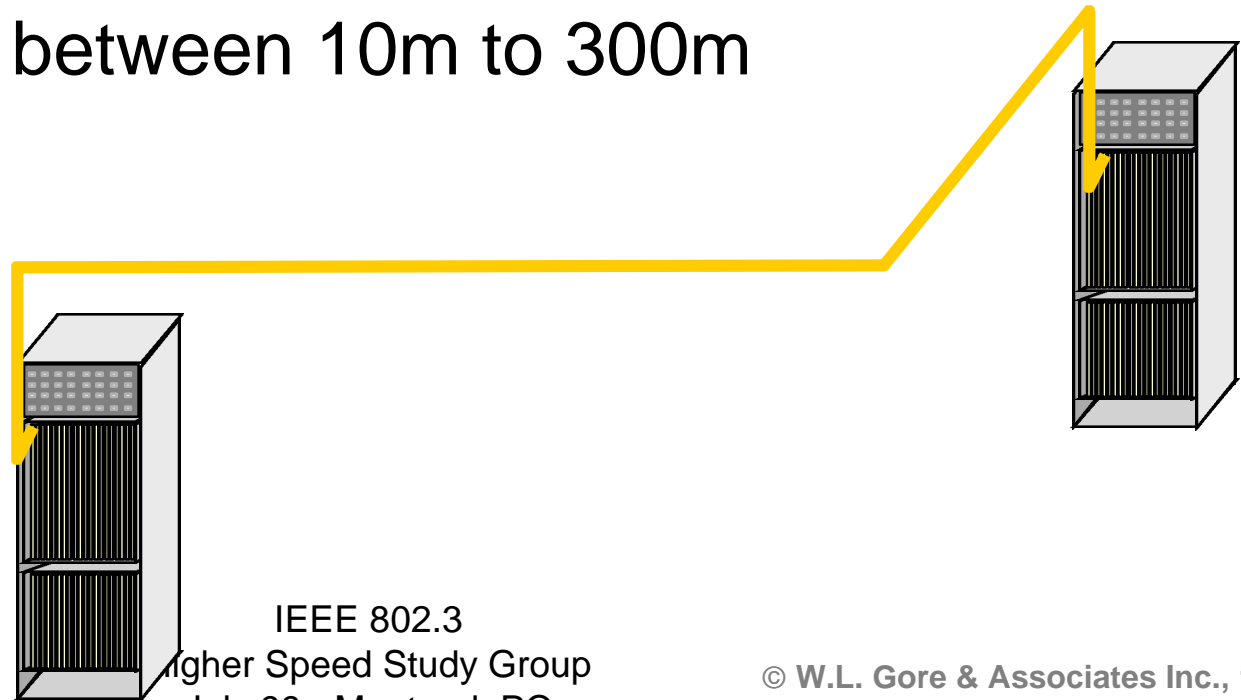
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Parallel Optics Primary Domain

- New Fiber Installations
- Point to Point Links
- Distances between 10m to 300m



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Benefits of Parallel Optics

- Available Now
 - with migration path to lower cost & size
- Multi-sourcing already emerging
 - Infineon/AMP/Gore MSA
- Telecom & Computing Adoption Driving Volume
 - HIPPI, NGIO, Future I/O and Intra-system Links



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Parallel Optics Migration Path

- 1.0, 1.25, 1.5 Gbps x 12 channels
1st Generation available now
- 4 Tx + 4 Rx @ 2.5 Gbps
2nd Generation available soon



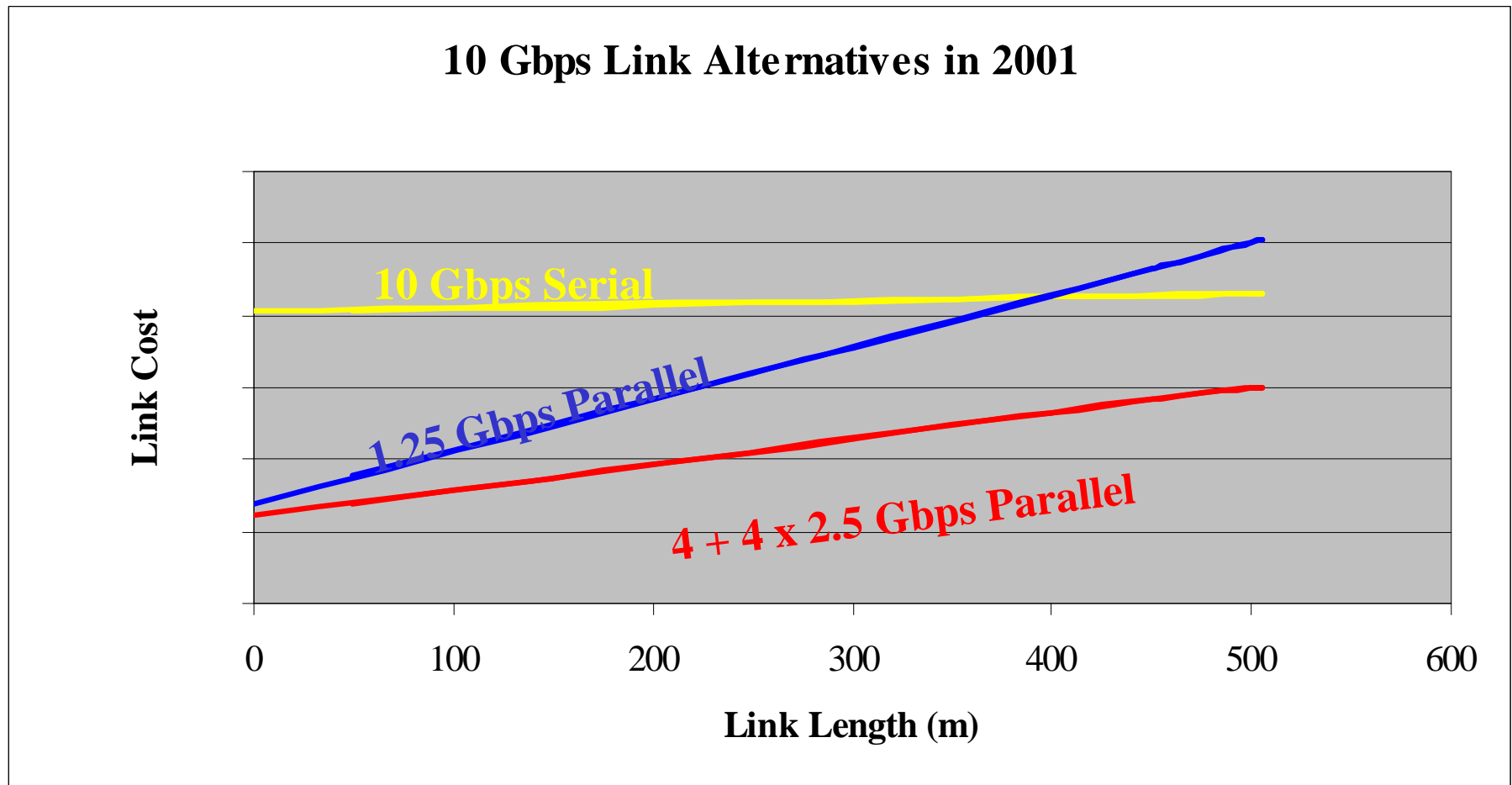
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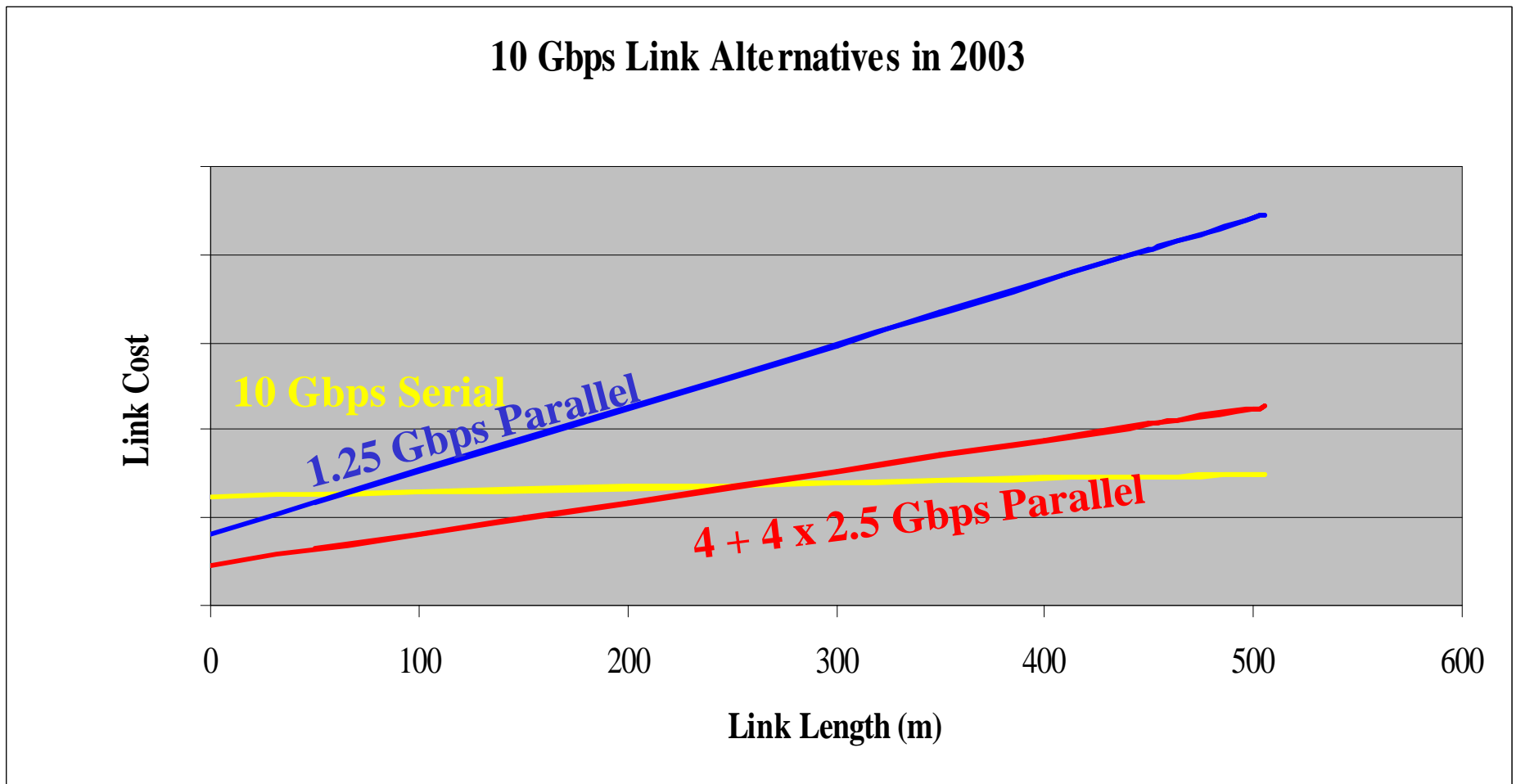
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- **Parallel Optics is available now from Multiple Sources**
- **Parallel Optics could be lowest cost short distance solution for many years**



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