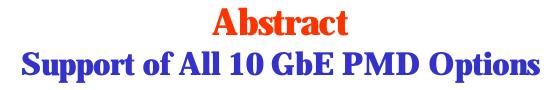
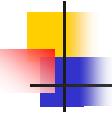
## **Support of All 10 GbE PMD Options**

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- PMDs Proposed
  - CWDM -- 850 nm VCSEL
  - WWDM 1310 DFB
  - Serial 850 VSCEL
  - Serial 1310 DFB (VCSEL also in proposal)
  - Serial 1550 -DFB
- Proposed Operating Distance (meter)
  - 100. 300, 10 km, 40 km
- Cost-Effective PMD Requiring All Options
  - Support all PMDs to achieve cost-effective 10 GbE links

## **Cost-Effective Operating Distance Support of All 10 GbE PMD Options**

| Meter<br>Fibers, um | 100 (VSR)          | 300                        | 10,000              | 40,000      |
|---------------------|--------------------|----------------------------|---------------------|-------------|
| 62.5 Installed      | CWDM               | WWDM                       |                     |             |
| 50, Installed       | CWDM               | CWDM<br>WWDM               |                     |             |
| 50, New             | CWDM<br>850 serial | CWDM<br>WWDM<br>850 social |                     |             |
| 10, SM              |                    |                            | 1310 serial<br>WWDM | 1550 serial |



- Each PMD Provides Unique Technology Option for Cost-effectiveness
- All PMD Options Needed for 10 GbE Market
  - CWDM
  - WWDM
  - 850 serial
  - **1310** serial
  - **1550** serial
- Support All Proposed PMD Options