

PMDCFA2
PM Dispersion Compensating Cable, FC/APC
Final Test Report
Serial Number: XXX-XX-XXX

| Parameters | Specifications | Test Data |
|---|---|-------------------|
| Operating Wavelength (Slow Axis) | 1510 – 1620 nm | |
| Cut-Off Wavelength (Slow Axis) | 1400 nm | |
| Polarization Extinction Ratio (Port A / Port B) | > 19 dB | 23 dB / 23 dB |
| Insertion Loss (Port A / Port B) | < 2.5 dB | 2.19 dB / 2.24 dB |
| Typical Optical Return Loss | 60 dB | |
| Total Dispersion | -0.034 ± 0.004 ps/nm | |
| Total Dispersion Slope | $-1.1 \times 10^{-4} \pm 0.1 \times 10^{-4}$ ps/nm ² | |
| Fiber Type | PMDCF spliced to PM1550-XP sections on both ends | |
| Connector Type | FC/APC | |
| Connector Key Width | 2.0 mm (narrow) | |
| Connector Key Alignment | Slow Axis | |
| Cable Length | 0.70 ± 0.05 m | |
| Jacket Type | FT030-BLUE (3 mm) | |
| Operating Temperature | 0 to 70 °C | |
| Storage Temperature | -45 to 85 °C | |

Tested by: _____ Date: _____