PHOTON KINETICS

# 2880 Fiber Analysis System

## High performance characterization of multiple fiber and cable transmission properties

### Features

***Fastest Chromatic Dispersion Measurement***

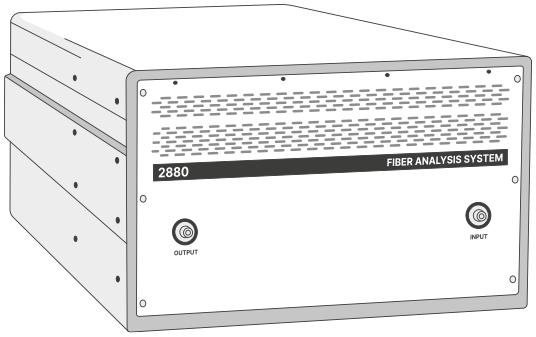
- Dual-window measurements in less than 10 seconds.
- IEC, ITU-T and TIA reference test method (phase shift).

***Versatile Measurement Platform***

- Available with conventional C and L-band sources, but capable of supporting up to five high power sources for complete, wideband, single-mode CD measurement capability from 1240 to 1650 nm.
- 1310 nm Window Extended Range Option for fibers over 156 km long.
- Optional capability in both 850 and 1300 nm windows for high performance chromatic dispersion measurement of laser-optimized multimode fibers.
- Single and multi-fiber (cable) strain measurement available as CD system options, or stand-alone system.
- Optional pass-through capability for the 2920 Interferometric PMD System, facilitating combined CD and PMD testing.

***Key Component of Automated Fiber Test Stations***

- The 2880 is critical to all of PK's FLS Full-Length Stations, enabling both comprehensive fiber characterization and maximum station throughput.




Chromatic Dispersion

Length

Strain and Transmitted Power

For more information contact
sales@pkinetics.com

# Specifications

| Measurement | |
|---|---|
| Compatible Fibers | IEC Type B single-mode (standard)<br>IEC Type A1-OM1 to -OM5 multimode (optional) |
| Standards and Methods<br>Chromatic Dispersion<br>Length | <br>IEC 60793-1-42, Phase Shift, Method A<br>IEC 60793-1-22, Phase Shift, Method E |
| **Performance** | |
| **Chromatic Dispersion and Length** | |
| Wavelength Range (nm) [1] | 1240 to 1360 |
| Spectral Width (nm, FWHM) | < 5 |
| Dynamic Range (dB)<br>Standard<br>Extended Range Option | <br>> 75<br>> 80 |
| Max. Measurement Speed | 8 wavelengths/sec. |

| Configurations | Chromatic Dispersion | Length | Strain | Transmitted Power |
|---|---|---|---|---|
| 2880C-OC | ● | ● | | |
| 2880CS-OC | ● | ● | ● | ● |

*Notes:*

1. *Standard wavelength range of dual-source (OC) system. System can be configured with up to 5 sources in the O, S, C, and/or L-bands. Other bands/wavelengths (e.g., 980 or 1060 nm) available upon request.*

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Specifications subject to change without notice

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