



The Wideband Component Test System (WCS) takes advantage of JGR's cost effective ultra-wide band tunable laser source (TLS5), in order to provide fast and reliable measurements across the entire O, E, S, C, L and U wavelength ranges in one single sweep.

The WCS is capable of characterizing 32-Channel components such as broadband splitters, filters, or CWDM components in less than 10 seconds. Users can easily setup PASS/FAIL criteria to view real time graphical results of IL, PDL, and BR versus wavelength of their devices under test.

Compatible Products



TLS5 Tunable Laser

PM6 Power Meter

KEY FEATURES

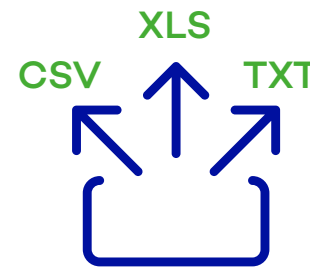
- 1260 to 1650 wavelength range
- Fast scanning (<10 seconds for the entire band)
- Up to 32 Channels per chassis and 256 per system

APPLICATIONS

- Broadband coupler testing
- CWDM testing
- Filter testing
- FTTH/PON splitter testing
- Attenuator testing

REQUIREMENTS

- Windows 7/10
- WCS system

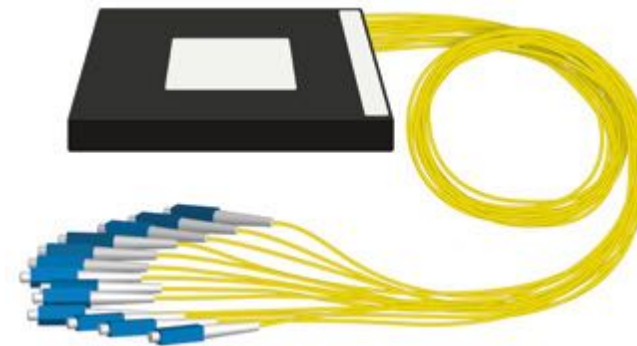


Flexible Data Export

WCS data can be exported to CSV, XLS or TXT for further analysis

Full band sweep

The WCS connects directly to a JGR TLS5 Tunable Laser Source for full band measurements. The WCS software controls both the WCS chassis and TLS5 tunable laser to allow for IL/BR/PDL measurements of 32Ch in <10 seconds per sweep.



Easy CWDM Testing

The WCS software is designed to automatically measure critical CWDM criteria of every channel such as: center wavelength, min and max IL, IL @ center wavelength, width, BR, PDL, ripple, adjacent and non-adjacent isolation, integrated crosstalk.

Optimized for speed

The WCS system can scan from 1260-1650 across 32 detectors measuring IL & BR in less than 10 seconds. PDL can be obtained with 3 additional sweeps.

