Specifications

			Specifications	
			Normal Mode	High Resolution Mode
Wevelength	Measurment Range		0.35 to 1.75μm	
	Max. Resolution		Approx. 0.1 nm/1.55μm Approx. 0.05 nm/0.85μm	Approx. 0.01 nm/1.55μm Approx. 0.003 nm/0.85μm
	Accuracy		±0.1 nm or less	±0.01 nm or less
	Span		0.01 nm/DIV to 140 nm/DIV	
Level	Measurement Range (Input Sensitivity)		–72 to +10 dBm (1.2 to 1.6 μm) –65 to +10 dBm (0.7 to 1.6 μm) –52 to +10 dBm (0.45 to 1.7 μm) – 42 to +10 dBm (0.35 to 1.75 μm) The minimum level is measured over a 50 nm span and averaging 16times.	
	Accuracy		±1.0 dB (780 nm), ±0.7 dB (1310 nm. 1550 nm) input level –10 dBm	
	Linearity(*1)		±0.1 dB/-20 dB or less ±0.5 dB/-30 dB or less	
	Dynamic Range(*2)		35 dB or more (Value between peak and average display noise level)	
	Repeatability including Polarization Dependence(*3)		±0.1 dB or less (23±5°C)	
	Scale		0.2, 0.5, 1.0, 2.0, 5.0, 10.0 dB/DIV, and LINEAR	
Processing Functions	Measurement Time(*4)		1 sec. or less	2.5 sec. or less (at long wavelength band:0.95~1.75μm) (*5) 3.5 sec. or less (at short wavelength band:0.35~1.05μm)
	Memory Function		16 Screens (Measured Data) with Battery Back up 10 Screens (Measured Conditions) with Battery Back up Floppy Disk (MS-DOS format 720 KB/1.2 MB)	
	Display		Frequency, Super Impose, 3-D, Trend Monitoring (Power, Wavelength) Division into 2 parts, Cursor Function, Corlor Display Customization, Listing	
	Computing/Analysis		Spectrum Analysis, Coherence Analysis (Analysis Range: Max. ±165mm) Spectral-width Calculation, Automatic Peak Search, Normalization (LOSS/TRANS), Averageing, Automatic Setting of the Optimum Measurement Conditions Curve fitting ($sech^2$, Gauss), Smoothing, MAX/MIN Hold	
Input/Output	Input Connector		FC Connector (Internal Fiber:PC Rubbed, GI 50/125)	
	Data Output		GP-IB Equipped as Standard, Direct Plotter Output, Built-in Printer (Printing Speed: 8 sec. or less)	
General Specifications	Operating Environment		Temperature: +10 to +40°C, RH 85% or less (Non-Condensing)	
	Storage Environment		Temperature: –10 to +50°C, RH 90% or less (Non-Condensing)	
	Power	(Main Unit) (Optical Unit)	AC100 to 120 V/220 to 240 V, 48 to 66 Hz, 180 VA or less AC100 to 120 V/220 to 240 V, 48 to 66 Hz, 80 VA or less	
	Dimensions	(Main Unit) (Optical Unit)	Approx. 424 (W) x 221 (H) x 500 (D) mm Approx. 424 (W) x 132 (H) x 500 (D) mm	
	Mass	(Main Unit) (Optical Unit)	16kg or less 20kg or less	
Standard Accesories	Power Cable		A01402 2	
	Fuse		EAWK4A/2A 2 each	
	Interconnection Cable		1	
	Printer Paper		1	
	Floppy Disk		3.5 inch 2DD 1	
	Instruction Manual		1	

*(*1) With input at 0 dBm or less.*
*(*2) At 1.55 μm band, SPAN: 20 nm or less, advance averaging 16 times, Smoothing at 11 point, spectral width calcuration at less than 1 nm.*
*(*3) At wavelength 1.55 μm. to 1.57 μm. In the case of coherent light input, wavelength shift cause the level change of ±0.4 dB or less.*
*(*4) Measurement Condition: On SINGLE measurement, one averaging performed. Measuring time is from triggering to SRQ output. At long wavelength band.*
*(*5) Approx. 5 sec/measurement with advance averaging mode.*

Accessories

Fiber cord with connectors to the both edge
- OCS-F2SPS-2 (SM 10/125μm, 2m, with PC connectors)
- OCS-F2SFW-2 (GI 50/125μm, 2m, with FC connectors)

Fiber Collimator with lens at edge
- OPCL-5G-100/FC (GI 50/125μm 1m, with FC connectors)

Rack-Mount Kit

	Standard	Display Unit		Optical Unit	
		with handles	without handles	with handles	without handles
Rack-mount set	EIA	A02712	A02722	A02708	A02718
	JIS	A02713	A02723	A02709	A02719
Slide rail set		A02615			

Please be sure to read the manual of product thoroughly before using the products.
Specifications may change without notification.