Optical Measuring Instruments and Optical Device Test Systems To receive a calibration and/or repair quote-RMA from R.A.E. Services Inc.

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Q8155



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Items		Description
Wavelength range		1525 to 1630 nm
Wavelength resolution		0.1 pm
Absolute wavelength accuracy		±10.0 pm
Relative wavelength accuracy		±7 pm
Wavelength repeatability		±5 pm
Wavelength stability (1 hour, constant ambient temperature)		± 0.8 pm or less
Variable speed (typ., 1/10/100 nm step)		600 ms/800 ms/2.8 s*1
Line width (typ.)		100 kHz*2
Output power		+3 dBm or more (1540 to 1620 nm)
		≥ +1 dBm or more (1525 to 1630 pm)
Minimum output power		-30 dBm
Power stability (1 hour, constant ambient temperature)		±0.03 dB
Power repeatability (typ.)		±0.01 dB
Power linearity		±0.1 dB
Power flatness (against wavelength)		±0.2 dB (APS function to ob)
		±0.4 dB (APS function is off)
Side mode suppress rate (typ.)		≥50 dBc
Relative intensity noise (RIN, typ.)		-160 dB/Hz
Optical modulation function	Internal low-frequency modulation	200 Hz to 300 KHz modulation of approx. 30%
	External high-frequency modulation	1040128MHz (7/)
Optical output monitoring function		Output power can be monitored on a display screen.
Optical output variable attenuation function		Optical ov put can (va(y yp)to -30 dBm.
Optical output	Output fiber	Polarization maintaining fiber (panda)
	Polarization	Linear polarization key-direction of output connector,
		quenchipg ratio 20 dB (typ.)
	Connector (Switchable by user)	FC type (standard)
	$\langle \cdot \rangle$	ST type, SC type (with optional accessory)
Input/output interface	GPIB	IEE268)1978
	Step trigger signal output	ZBDC, FTL level
	External high-frequency	BNC, input impedance of 50Ω ,
	modulation in which >	maximum input power of +10 dBm
General specifications	Operating environment	+10°C to +35°C, 85%RH max. (without condensation)
	Storage environment	-10°C to +50°C, 85%RH max. (without condensation)
	Power stappy	AC 100 V to 240 V, 50/60 Hz, 200 VA max.
	And the stores of the stores o	Approx. 350 (W) \times 132 (H) \times 450 (D) mm
()Mass ()		15 kg max.
*1 : When Hi Speed is on and APS/s off.		
*2 : This is about 10 MHz when Hil Speed is on. This value can be changed up to 50 MHz using an internal low-frequency modulation function.		
Accessories (Options)		
Product name		
Optical Connector adapter FC connector adapter : A08161		
SC coprector adapter : A08162		
ST connector adapter : A08163		