

Selector Guide

Optoelectronics Test

LIV Test Systems

	2602B	2612B	System 25	2520
Max. Drive Current	3 A DC / 10 A pulsed per channel	1.5 A DC / 10 A pulsed per channel	5 A	5 A
Source Mode	DC (Continuous Wave)	Pulse / DC (Continuous Wave)	DC (Continuous Wave)	Pulse / DC (Continuous Wave)
Number of Channels	1 Laser Drive, 1 Photodiode	1 Laser Drive, 1 Photodiode	1 Laser Drive, 2 Photodiode	1 Laser Drive, 2 Photodiode

Optical Power Measurement	2502	6487	6485	Photodiode Measurement 2635B/2636B
CURRENT MEASURE				
From	15 fA	20 fA	20 fA	120 fA
To	20 mA	20 mA	20 mA	10 A
PHOTODIODE VOLTAGE BIAS	100V (each channel)	500 V	none	200 V
FEATURES				
Optical Measurement Head	2500INT Series (Si & Ge) (190nm – 1800nm)	2500INT Series (Si & Ge) (190nm – 1800nm)	2500INT Series (Si & Ge) (190nm – 1800nm)	
Number of Channels	2	1	1	1/2
Instrument Connection	3-slot Triax	3-slot Triax	BNC	3-slot Triax
Communication	GPIB, RS-232	GPIB, RS-232	GPIB, RS-232	GPIB, RS-232, Ethernet (LXI)

Laser Diode and LED Current Drivers

	2601B	2611B	2401	2420	2440	2520	6220 6221
CURRENT SOURCE							
From	5 pA	5 pA	±10 pA	±500 pA	±500 pA	70 µA	80 fA
To	3 A DC / 10 A pulsed per channel	1.5 A DC / 10 A pulsed per channel	±1.05 A	±3 A	±5A	+ 5A	±100 mA
Type	DC/Pulse	DC/Pulse	DC	DC	DC	DC/Pulse	DC/Pulse
VOLTAGE MEASURE							
From	1 µV	1 µV	1 µV	10 µV	10 µV	60 µV	10 nV (w/2182A)
To	40 V	200 V	21 V	60 V	40 V	10 V	100 V (w/2182A)
FEATURES							
Instrument Connection	Screw Terminal	Screw Terminal	Banana	Banana	Banana	10Ω BNC	3-slot Triax
Communication	GPIB/RS-232, TSP, Ethernet (LXI)	GPIB/RS-232, TSP, Ethernet (LXI)	GPIB/RS-232	GPIB/RS-232	GPIB/RS-232	GPIB/RS-232	GPIB/RS-232, Ethernet (6221 only)

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