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Laser Diodes for BD Recording

Product name	Feature	Operating temperature*1 Topr (°C)	Optical power output*1 Pomax (mW)	Optical power output*2 Po (mW)	Operating current*2 Iop (mA)	Operating voltage*2 Vop (V)	Wavelength*2 λp (nm)	Parallel radiation angle*2 θ// (deg)	Perpendicular radiation angle*2 θ⊥ (deg)
SLD3234VF/VFI	dual layer, 2x to 4x-speed recording	+10 to +75	175*3	65	90	5.0	405	8	21
SLD3235VF	dual layer, 4x to 8x-speed recording	+10 to +80	250*3	120	120	5.0	405	8	21
☆SLD3236VF	dual layer, 8x to 12x-speed recording	+10 to +80	320*3	150	140	5.0	405	8	20
☆SLD3236VFI	dual layer, 6x-speed recording	+10 to +80	280*3	150	140	5.0	405	8	20

☆: Under development

Package size:VF φ5.6mm VFI φ3.8mm

*1: Absolute maximum ratings

*2: Electrical and optical characteristics (Tc = 25°C).

*3: Pulse optical power output : duty 50% or less, pulse width 10ns or less

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