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Find the *Infinon Research IRBL-11110-F* at our website: *Click HERE*

Product List

- Broadband Light Source (1250 ~ 1650nm)
  Special Applications:
  - Light Source for FTTx (1250 ~ 1600nm)
  - S+C+L-Band Light Source (1420 ~ 1650nm)
  - C+L-Band Light Source (1480 ~ 1650nm)
- Near IR Broadband Source (680, 800, 980, 1060nm)
- Customized Light Source
- O/E Convertor
- Depolarizer

Stabilized Broadband Light Source



The **Infini-Light™ Stabilized Broadband Source** is a wideband high power light source. It provides a low degree of polarization, stable light source over a very wide wavelength range of more than 350nm at > -35dBm/nm. One light source unit can be used for all communication windows, including O, E, S, C, and L bands. External modulation allows the use of lock-in amplifiers for high sensitivity measurement. The low degree of polarization provides accurate and consistent measurement for high PDL components. It can be configured to include different bands within the telecommunication window to provide economical and versatile solution for your measurement needs.

Optical Specifications

Wavelength Peak Options	1300nm	1400nm	1480nm	1550nm	1620nm
Peak Power Density (dBm/nm)	> -20	> -25	> -25	> -20	> -25
Degree of Polarization	< 10%	< 10%	< 10%	< 10%	< 10%
Power Stability (15 minutes)	< 0.02dB	< 0.02dB	< 0.02dB	< 0.02dB	< 0.02dB
-35 dBm/nm Wavelength Range	1270nm ~ 1650nm				
External Modulation Bandwidth	DC ~ 2MHz				

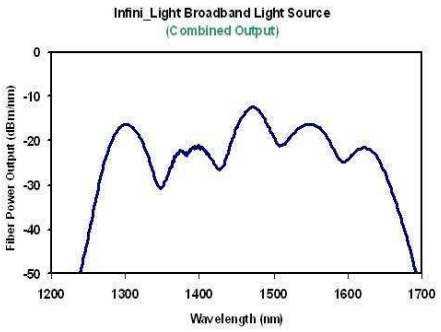
Note: 800, 920, 980, and 1045nm sources, as well as other power level options are available upon request.

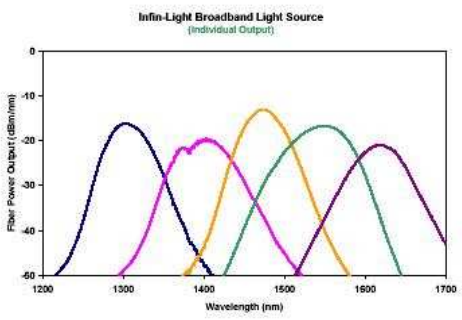
Mechanical and Electrical Specifications

Dimension:	1-2 Channels: L264 x W210 x H125mm
	3-5 Channels: L260 x W366 x H148mm
Weight:	< 10.0 lb.
Enclosure:	Metal Case, Painted.
Optical Connector:	FC/APC; SC/APC
Fiber Type:	SMF-28
Input Power:	20W, 100-240VAC, 50/60Hz.
Operating Temperature:	10 ~ 40℃

Applications:

- Material Spectral Analysis.
- WDM Components Manufacturing and Testing.
- Telecomm and Datacomm System.
- Optical Coherence Tomography.





Ordering Information:

IRBL -						-
(Included source)	1=1310nm included. 0=1310nm not included	1=1400nm included. 0=1400nm not included.	1=1480nm included. 0=1480nm not included.	1=1550nm included. 0=1550nm not included.	1=1620nm included. 0=1620nm not included.	F=FC/APC Connector. S=SC/APC Connector

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