



上海量青光电技术有限公司

1220-1700nmSLD 超宽带光源 superband Light Source



Description:

Extended SLED Broadband Light Source, Operating wavelength range 1220-1700nm, etc. Output power ≥ 7 dBm, max power spectral density is -20 dBm/nm..

超宽带光源由多个宽带光源组合而成，带宽在 750~1750nm 范围内可自由选择组合，最宽工作范围可达 500nm。

Applications:

Optical fiber sensing
Optical fiber passive component spectrum testing
Optical fiber grating, DWDM, filter testing
Optical fiber measurement equipments
工作带宽最大可达 500nm
光谱密度最高可达 -20 dBm/nm
光谱密度稳定度高

Features:

Selected wavelength
High spectral stability
Broadband light source
光纤传感系统
光纤无源器件性能测试
光纤器件自动化测试系统

Parameters	Unit	
Part No.	-	LQ-SLED-1220~1700-P-PW-SP
Central wavelength	nm	1220-1700
-3dB spectral width	nm	480
Output power	mW	>7
Power spectral density	dBm/nm	Normally ≥ -30 (max to -20)
Ripple	dB	≤ 0.2 (≤ 0.6 dB for 1350-1420nm as of OH absorption)
Output power short-term stability	dB	$\leq \pm 0.02$ dB/15 min
Output power long-term stability	dB	$\leq \pm 0.05$ dB/8 hour
Operating mode	-	CW(external modulation is optional)
Fiber pigtail	-	Single mode SMF-28

总机: 021-64778883

邮箱: sales@qoptronics.com

官网: www.qoptronics.com

地址: 上海市浦东新区张江高科技园区张江路 655 号德宏大厦 302 室

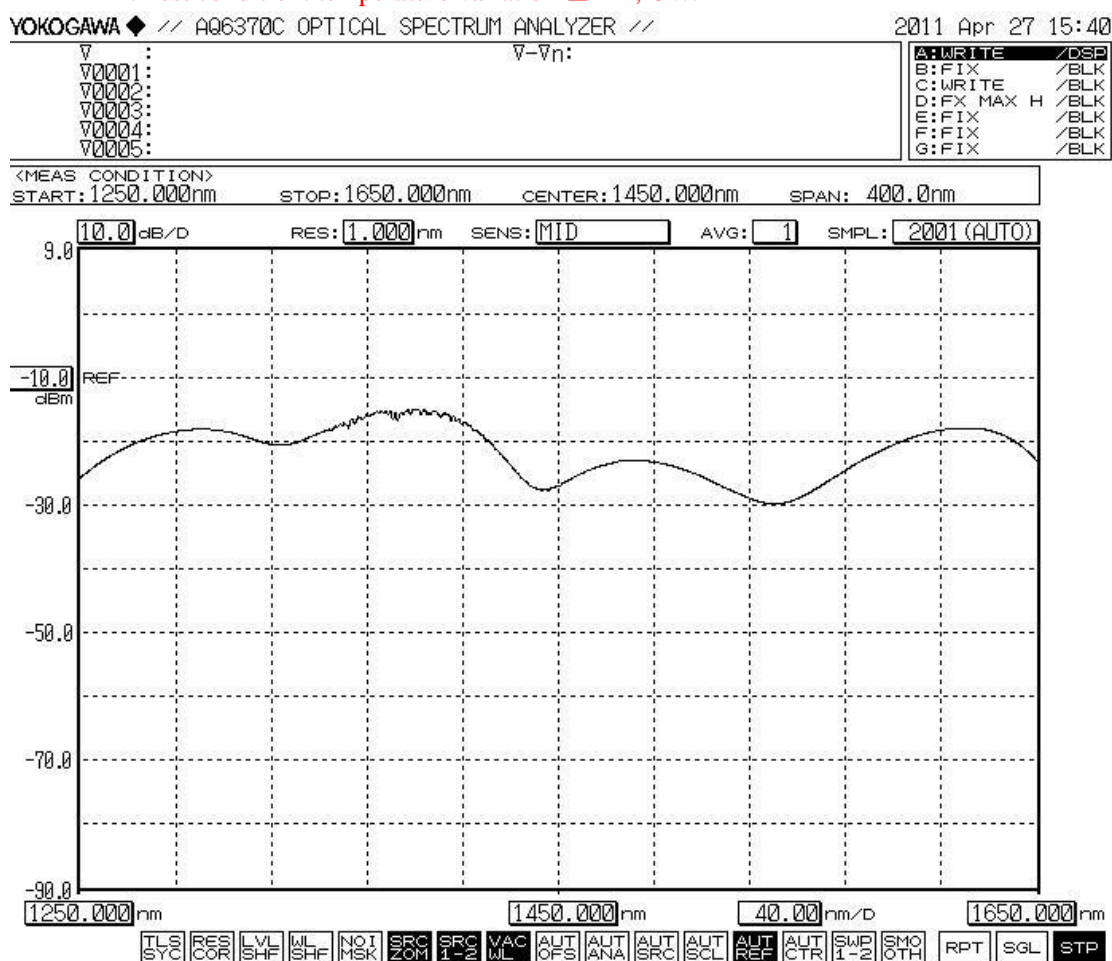


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Output connector	-	FC/PC, FC/UPC or FC/APC, etc
Operating temperature	°C	0 ~ 40
Storage temperature	°C	-20 ~ 70
Power supply	-	AC 110/220V ± 10%, 50Hz, 20W
Dimensions (L×W×H)	mm	320×220×90 Benchtop

Remark: Stability is tested at room temperature $25 \pm 2^\circ\text{C}$ after pre-heating 30 minutes.

1. Test condition: fixed temperature, CW.
2. Test condition: temperature variation $\pm 2^\circ\text{C}$, CW.



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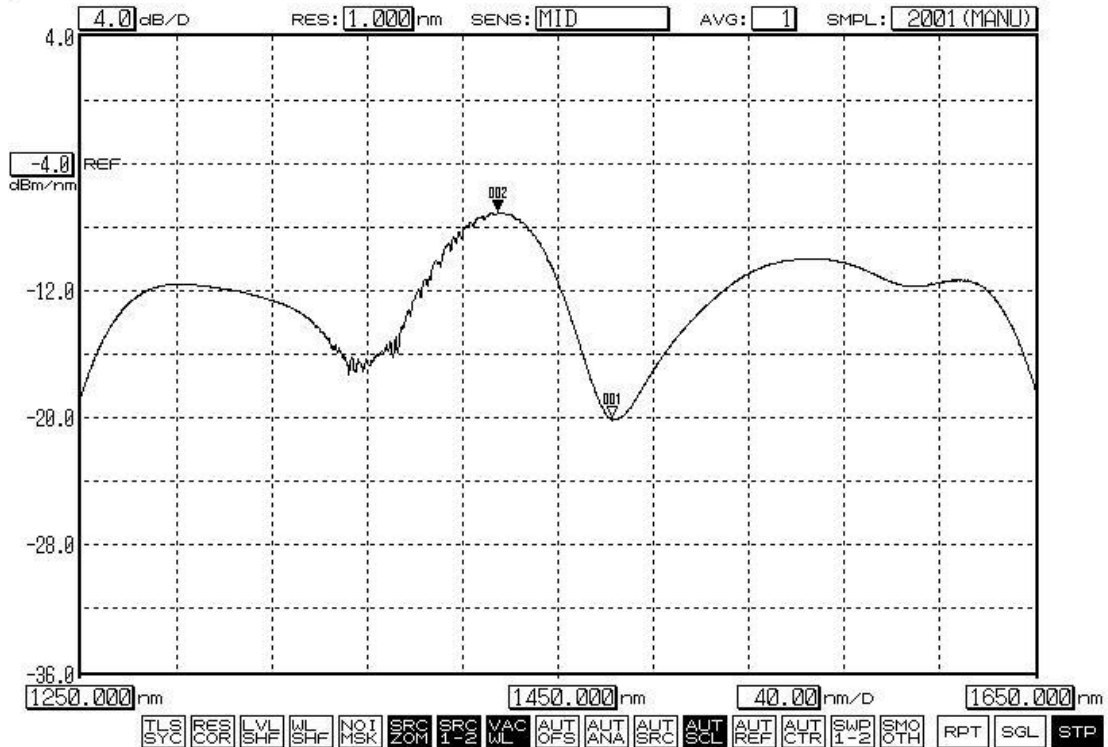
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YOKOGAWA // AQ6370C OPTICAL SPECTRUM ANALYZER // 2011 May 16 14:55

TR A ▽	:1424.8000nm	-7.05dBm/nm	▽-▽n:		
TR A ▽0001:	1472.4000nm	-20.14dBm/nm	-47.6000nm	13.09dB	
TR A ▽0002:	1424.8000nm	-7.05dBm/nm	0.0000nm	0.00dB	
▽0003:					
▽0004:					
▽0005:					

WRITE	OSB
B: FX MAX	H /BLK
C: FX MAX	H /BLK
D: FX MAX	H /BLK
E: FIX	/BLK
F: FIX	/BLK
G: FIX	/BLK

<MEAS CONDITION> [ANGLED PC]
 START: 1250.000nm STOP: 1650.000nm CENTER: 1450.000nm SPAN: 400.0nm



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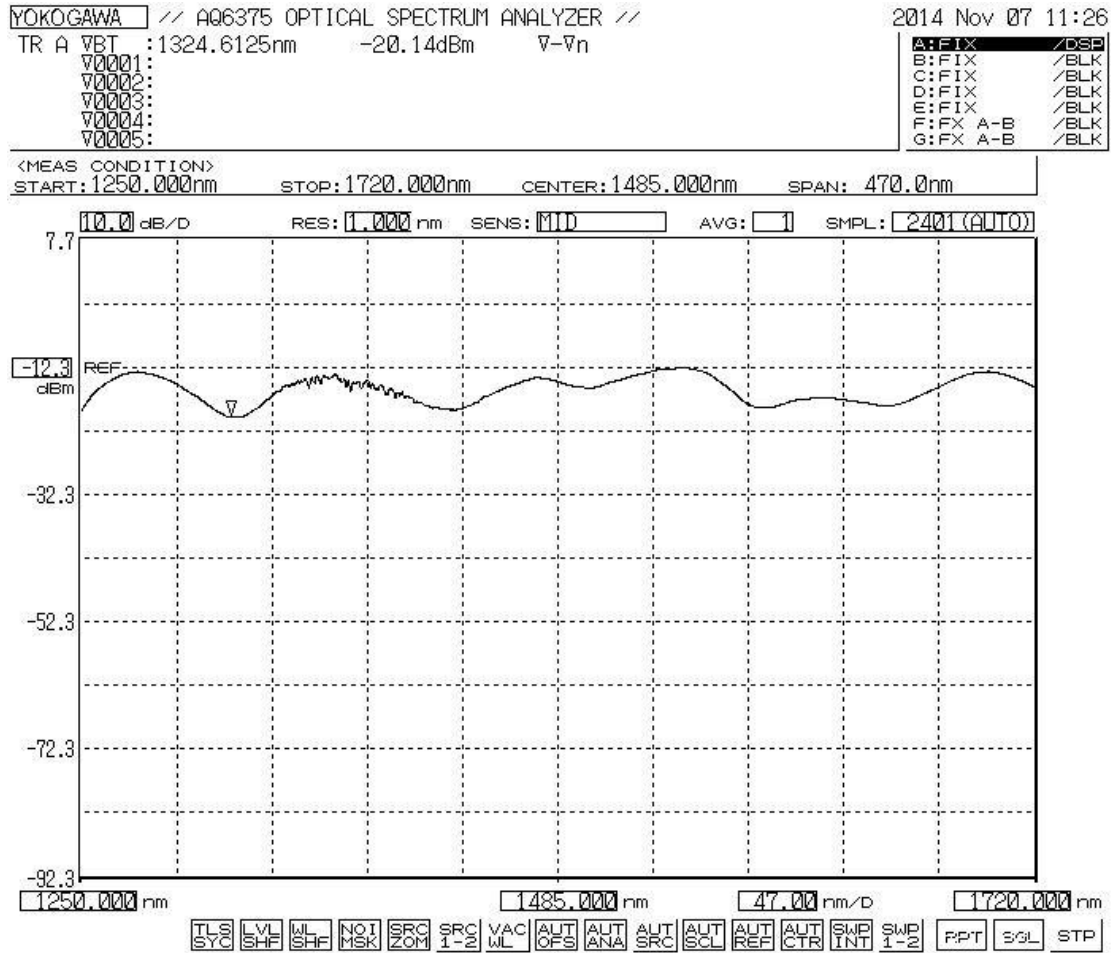
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Order Information:

LQ-SLED-1220~1700-P-PW-SP

P:Package, B-Benchtop

PW: Output power in mW, example:20-20dBm/nm,30-30dBm/nm,40-40dBm/nm

SP: Feedback protection, 0-None, 1-Yes

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