

IVR-OLS-S20

Optical Light Source



The IVR-OLS-S20 Optical Light Source has a portable and light weight design which provide huge benefits and convenience for the engineer to detect optical fibres or cables in core, metro, and access network with high flexibility and efficiency.

Product images are for illustrative purposes only and may differ from the actual product.

- Supports single mode and multi-mode fibre
- PON, LAN/WAN, DWDM, CATV, and other network test application
- Light source
- Automatically detects wavelength
- 3 years warranty and calibration

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General Specifications				
Screen	2.7 inch LCD screen			
Other Interface				
USB	Micro USB port, 1			
Other Parameters				
Backlight	Supports			
Auto Turn Off	Supports			
Warranty and Calibration	3 years			
Size and Weight	171(H) x 43(W) x 83(D) mm; 285g (not included batteries)			
Temperature	Operating: -10°C to 50°C; Storage: -20°C to 70°C			
Relative Humidity	0% to 95% (non-condensing)			
EMC	EN55022/CIPSR22, EN61000-3-2 and EN55024			
Battery and Power Supply				
Battery	3 AA Rechargeable NI-MH battery, or dry battery			
Power Supply	Input: 100-240V AC, 50-60Hz, 0.35A; Output: 5V DC, 2.5A			
Technical Specifications				
Model	LS1	LS2	LS3	LS4
Wavelength	1310/1550nm	1310/1490/1550nm	1490/1625nm	850/1300nm
Modulation Frequency	CW, 270Hz, 1KHz, 2kHz			
Emitter Type	FP-LD	FP-LD@1310/ 1550nm; DFB-LD@1490nm	DFB-LD	FP-LD@1300nm; VCSEL@850nm
Spectral Width	5nm@1310/1550nm, 1nm@1490/1625nm, 20nm@850/1300nm			
Typical Output Power	-5 ±0.5 dBm			
Output Stability	±0.02 dB @ 15mins, ±0.05 dB @ 8hours			
Optical Connector	FC/PC, SC/PC, ST/PC, LC/PC			
Auto Wavelength Detect	Supports (work with IVR-OPM-S20 Optical Power Meter)			
Ordering Info				
IVR-OLS-S20-LS1		1310/1550nm		
IVR-OLS-S20-LS2		1310/1490/1550nm		
IVR-OLS-S20-LS3		1490/1625nm		
IVR-OLS-S20-LS4		850/1300nm		

Notes: Product ordering information may update along with the product upgrade, please refer to the final version provided by our sales.