



ROF -HSP series

100Hz photoelectric detector

Features

- Operating wavelength 850~1650nm、320-1000nm
- Fixed gain
- High sensitivity
- Low noise

Applications

- Optical fiber sensing system
- Low light detection system

Performance parameter

Type parameter	ROF-HSP-100-A		ROF-APR-100-B	
Spectral response range	850~1650nm		320~1000nm	
Material	InGaAs		Si	
Light input				
Photosensitive surface diameter	-	75um	-	1mm
-3dB bandwidth	DC-100Hz		DC-100Hz	
Rise time	3ms		3ms	
Responsiveness	0.9A/W@1550nm		0.5A/W@700nm	
Gain	0.8×10 ⁹ V/W		0.4×10 ⁹ V/W	
Minimum probe power	-83dBm		-80dBm	
Saturated optical power	5nW		10nW	
Operating voltage	DC ±5V			
Operating circuit	80mA			
Input interface	FC			
Output interface	SMA			
Output coupling	DC			
Dimensions	60x50x20			

Ordering information

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ROF	HSP	100	X	XX
	Photoreceiver	-3dBbandwidth 100Hz	-Operating wavelength A:850-1650nm B:320-1000nm	Input type FC ---- optical fiber coupling FS ---- Free space

*please contact our seller if you have special requirements