

Product Brief

APPLICATIONS

- RF Photonic Links
- Photonic RF Generation
- Sensing
- Communications

FEATURES

- Compact, low-profile package
- Single-mode fiber
- 65 GHz bandwidth

DESCRIPTION

Freedom Photonics' FP1015c has been developed for demanding high speed applications such as RF photonic links and sensing applications for frequencies up to 65 GHz. It can be packaged into a compact, low-profile package with a 65 GHz small-signal 3-dB bandwidth.

SPECIFICATIONS

Parameter	min	typ	max	unit
Bias Voltage		-3	-5	V
Operating Wavelength		1550		nm
Responsivity	0.1	0.15		A/W
Bandwidth	60	65		GHz
Operating Temperature	-40		75	°C
Storage Temperature	-40		85	°C
Fiber Connection	Single-mode SF28 fiber			

