

1100-1700nm Coaxial Detector

Features

FC/SC/ST connector available

High responsibility

High linear

High stability

Good plug-pull repeatability

Specifications

Parameter	Smpol	Tested Condition	Min.	Typ.	Max.	Unit
Responsibility	R	$V_R=-5V$	0.8	0.85	---	A/W
Dark current	Id	$V_R=-5V$	--	---	1	nA
Working wavelength		---	1100	--	1700	nm
Linear range	LR	$V_R=-5V$	-70		10	dBm
		$V_R=-5V$	-60		20	dBm
		$V_R=-5V$	-50		30	dBm
Sensitive area		--	---	300	---	um
Responsibility time	Tr/Tf	$V_R=-5V$	---	1	---	ns
Capacitance	C	$V_R=-5V$	---	6	10	pf

Absolute Maximum Ratings

Parameter	Sym.	Value	Unit
Reverse voltage	V_R	30	V
Working temperature	Top	-40~+65	
Storage temperature	Tst	-40~+85	