SOFTEL®

FTTH Fiber Optical Transmitter

ST1015-3mW FTTH Mini Optical Transmitter---3mW Optical Output Power

Features:

- Designed for FTTH(Fiber To The Home)Networks
- Excellent Linearity and flatness
- Single-mode fiber high return loss
- Using GaAs amplifier active devices
- Ultra low noise technology
- Using DFB coaxial small package laser
- Smaller size and easier install
- Red-LED for power indication

Specifications:

Number Item	Unit	Description	Remark
Customer Interface			
RF Connector		F-female	
Optical Connector		SC/APC	
Power Supply		F-female	
Optical Parameter			
Optical Return Loss	dB	≥45	
Output Optical Wavelength	nm	1550	
Output Optical Power	mW	3	
Optical Fiber Type		Single Mode	
RF Parameter			
Frequency Range	MHz	47-1000	
Flatness	dB	±0.75	
RF Input Level	dBμV	80±5	
Input Impedance	Ω	75	
Return Loss	dB	≥16	
C/N	dB	≥52	
CSO	dB	≥60	
CTB	dB	≥63	
Other Parameter			
Power Supply	VDC	12	
Power Consumption	W	<2	
Dimensions	mm	100*98*28	

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