

OTH TX MINI FIBER 1550 CATV+SAT



1310nm 1550nm 3mW 10mW Switch

OTH-2015-3mW

OTH-2015-10mW

Features

- * Aluminium die-cast housing, nickel-plated
- * Designed for FTTH networks
- * Using GaAs amplifier active devices
- * The switch is to provides 13/18V & 500mA and 0/22KHz Signal to LNB

- * Smaller size and easier installation
- * Red-LED for power indication
- * Optional features
- * The switch is to provides 13/18V & 500mA and 0/22KHz Signal to LNB



Specification: OTH-2015/2115P

Item	Description
Customer Interface	
RF Connector	F-female
Optical Connector	SC/APC or FC/APC
Power Supply	F-female
Optical Parameter	
Output Optical Power	3 or 10 mW
Optical Return Loss	≥45 dB
Output Wavelength	1550 nm
Optical Fiber Type	Single Mode
Frequency Range	
Frequency Range	47-2150 MHz
Flatness	±0.75 dB
CATV input level	80±5 dBμV
SATV input level	70±5 dBμV
CNR	≥52 dB
CSO	≥60 dB
CTB	≥63 dB
Return Loss	≥16 dB
input Impedance	75Ω
Power Supply	
Power Supply	12 VDC
13/18VDC Max current to LNB	500 mA
22KHz	22KHz±4KHz
Power Consumption	<2 W
Dimensions	100*98*28 mm
Housing Material	Aluminium alloy

OTH RX MINI FIBER 1550 CATV+SAT



Features

- * Zinc die-cast housing, nickel-plated
- * Designed for FTTH networks
- * Using GaAs amplifier active devices
- * Smaller size and easier installation
- * Red-LED for power indication
- * Optional features



Specification: ORH-2020/2020F/2020A/2020AF

Item	Description	Remark
Customer Interface		
RF Connector	F-female	
Optical Connector	SC/APC or FC/APC	
Power Supply	F-female	
Optical Parameter		
Responsivity	$\geq 0.9 \text{ A/W}$	
Input Optical Power	-14~+3 dBm	
	-7~+2 dBm	AGC
Optical Return Loss	$\geq 45 \text{ dB}$	
Input Wavelength	1260~1600 nm	Without filter
	1550 $\pm$ 20 nm	With filter
Optical Fiber Type	Single Mode	
RF Parameter		
Frequency Range	47-860 MHz	Receive CATV signal
	950-2150 MHz	Receive SATV signal
Flatness	$\pm 0.75 \text{ dB}$	
Output Level	$\geq 80 \text{ dB}\mu\text{V@CATV}$	@-1dBm input power or AGC
	$\geq 70 \text{ dB}\mu\text{V@SATV}$	
CNR	$\geq 50 \text{ dB}$	
CSO	$\geq 62 \text{ dB}$	
CTB	$\geq 65 \text{ dB}$	
Return Loss	$\geq 16 \text{ dB}$	
AGC Stability	$\pm 1 \text{ dB}$	With AGC function
Output Impedance	75 Ω	
Other Parameter		
Power Supply	12 VDC	
Power Consumption	<2 W	
Dimensions	75*63*17 mm	
Housing Material	Zinc alloy	