

FTTH ME-5



FEATURES

- ✳ Excellent linearity and flatness.
- ✳ Extremely good return loss.
- ✳ Compact construction, lower power consumption.
- ✳ WDM option to achieve single fiber bi-directional transmission.
- ✳ Multi-communications transmitting wavelength and power optional.

FTTH MINI



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FTTH FE-7



TECHNICAL PARAMETERS

ITEMS	UNITS	DC NODE, FAL & DC NODE MS
OPTICAL PARAMETER		
Received Optical Power Range	dBm	- 15 ~ + 2
Recommended Range	dBm	- 6 ~ +1
Optical Return Loss	dB	>45
Optical Receiving wave length	nm	1100 ~ 1600
Optical Fiber Connector Type		FC/APC, SC/APC (or specified by the user)
LINK PERFORMANCE		
C/N	dB	≥ 50
C/CTB	dB	≥ 65
C/CSO	dB	≥ 64
RF PARAMETER		
Nominal Output Level	dBμv	≥ 85 @ - 2dBm
Maximum Output Level	dBμv	≥ 95
Output Return Loss	dB	≥ 11

ITEMS	UNITS	DC NODE, FAL & DC NODE MS
RF PARAMETER		
Frequency Range	MHz	45 ~ 862
Flatness in Band	dB	± 0.5(45~550), ± 0.75(55~800)
Output Impedance	Ω	75
RETURN CHARACTERISTICS		
Frequency Range	MHz	5~30/65
Flatness in Band	dB	±1
RF Input Power	dBμv	80
Power Return Loss	≥	15
GENERAL CHARACTERISTICS		
Supply Voltage	V	DC 8 ~ 12V
Operating Temperature	°C	- 10 ~ +40
Storage Temperature	°C	- 25 ~ +55
Relative Humidity	%	Max 95% No Condensation
Power Consumption	VA	≤ 7

MODELS

FTTH WITH MMIC DIGITAL DISPLAY

MINI NODE

FTTH NODE (O/P 105 dB)

FTTH NODE (102 dB)

FTTH WITH TRANSISTOR CIRCUIT

FTTH NODE (O/P 85 dB)

FTTH NODE (102 dB / D10)

FTTH NODE AGC NODE