

Technical Characteristics

PARAMETER	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Optical Wavelength		1100		1600	nm
Optical Input Power	continuous	-7	-3	2	dBm
Frequency Range		47/87		862	MHz
Frequency Response	47~ 862MHz	-	±0.7	±1	dB
MAX RF output level (-3dBm Optical Input OMI=4%)		-	110	-	dBuV
AGC Gain Range (-6~0dBm Optical Input)		-	±1	-	dB
Slope adjustment , typical		-	18	-	dB
Output Return Loss	47~ 862MHz	-	16	-	dB
Optical Input Return Loss		-	55	-	dB
Optical Connector		SC/APC			
CNR	note 1	-	48	-	dB
Output Level: CTB ≥ 60dB(EN50083-3)	note 2	-	105	-	dBuV
Output Level: CSO ≥ 60dB(EN50083-3)	note 2	-	105	-	dBuV
Optical Wavelength	RETURN		1310		nm
Optical output power	PATH		1		mW
Frequency Range		5		30/65	MHz
RF Input Level			80±5		dBuV
Frequency Response		-	±0.7	±1	dB
Operating Temperature		-25	-	65	°C
Dimension		190X96X52			
Weight (packed)		0.7			
Power	AC60V	HT101-1	7VA~24-65V/50Hz		
Consumption	AC220V	HT101-2	7VA/~196-250V/50Hz		

Note

1. -3dBm Optical Input Power OMI=4%.
2. CTB/CSO is measured with 6dB pre-equalizer(42 channels).

