

# Fibre Transmitter 1550nm +6dBm 1RU 45-2600MHz with Dual Power Supplies 20MM-LT06L

Matchmasters 20MM-LT06L is a wide band +6dBm 45-2600MHz Directly Modulated Optical Transmitter designed to work with single band Satellite, SMS, FTA and TDT systems. The LT06L has built in power redundancy and an RJ45 or RS232 communication interface for SNMP network management functions

## Features and Benefits

- » Wide band 45-2600MHz +6dBm Optical Transmitter - 1RU 19" rack mountable
- » Perfect for use with single band satellite or SMS plus FTA/TDT to transmit across a single SMOF to multiple end receivers
- » SNMP monitoring and configuration via RS232 or RJ45 communications ports
- » Built in power redundancy for those critical sites
- » Front LCD panel with control keys for setup, status display and fault diagnosis
- » Wide input power range with AGC control for signal stability



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## 20MM-LT06L



*For the Best*

### Technical Data 20MM-LT06L

Performance	Index	Unit	Remark
<b>Optical Characteristics</b>			
Laser type	DFB		
Optical Wavelength	1550-1560	nm	
Output Optical Power	6	dBm	
Output Return Loss	50	dB	
Optical Connector Type	SC/APC		
<b>CATV RF Characteristics</b>			
Working Bandwidth	45-862	MHz	
Input Range	75-85	dB $\mu$ V	Input level
Flatness	$\pm 1$	dB	
Input Return Loss	14	dB	
C/N	$\geq 51$	dB	42CH CENELEC 80dB $\mu$ V AGC OMI=3.8%
C/CTB	$\geq 63$	dB	
C/CSO	$\geq 58$	dB	
Input Impedance	75	$\Omega$	
RF Connector	F type/Female		
<b>SAT-IF Characteristics</b>			
Working Bandwidth	950-2600	MHz	
Input Range	68-83	dB $\mu$ V	Input level
Flatness	$\pm 1$	dB	
Input Return Loss	10	dB	
C/IM3	$\geq 55$		Note 1
<b>General Characteristics</b>			
Power Supply (AC)	110-265	V	Dual power supply included
Consumption		nW	
SNMP network management interface	RJ45		
Working Temperature	0-50	$^{\circ}$ C	
Storage Temperature	-40-60	$^{\circ}$ C	
Dimension (WxDxH)	1U 19 inch 483x395x44	mm	
Note1: C/IM3 is defined as the ratio between the peak of carrier signal and triple beat (IM3) by using a two-tone test (1.0GHz and 1.1GHz).			