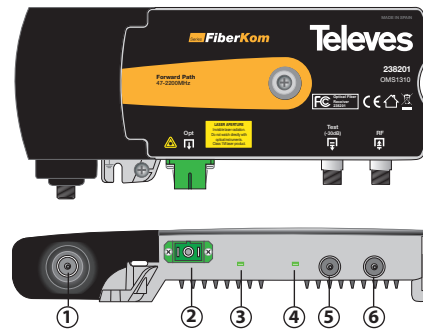


TFOT-1303S Fiber Optic Transmitter

The TFOT-1303S is the latest fiber transmitter from Televés. This standalone model features a diecast housing with integral mounting flanges to allow mounting to a flat surface. The input frequency range is 47 to 2200 MHz making it ideal for CATV, DOCSIS 3.1, Satellite or any combination. It has a 3 dBm optical output level from MQW-DFB, 1310 nm laser with SC/APC optical connector. It's compact size of 7.25 x 3.15 x 1.4 inches allows mounting almost anywhere.



- 1 - Power IN (11 ... 35V_{DC})
 - 2 - Optical Output
 - 3 - Power ON Indicator
 - 4 - Optical Level Indicator
| ■ (green) +3 dBm
 - 5 - Test Point
 - 6 - RF Input
- Part #238201

Specifications

RF Parameter		
Frequency Range	47 ... 2200	Mhz
Flatness (47-1200MHz)	+0.75	dB
Input Impedance	75	Ω
Flatness (950-2200MHz)	+/- 2.5	dB
RF Input Level (47-1200MHz)	79/Channel	dBmV
C/N (at 1 dBm input level)	>51	dB
	(42ch CENELEC)	
CSO (at 1 dBm input level)	Typ >70 Min >60	dB
	(42ch CENELEC)	
CTB (at 1 dBm input level)	Typ >70 Min >65	dB
	(42ch CENELEC)	
Test Point	-15	dB
RF Input Level (950-2200MHz)	35	dBmV
Optical Parameter		
Laser Type	MQW-DFB	
Wavelength	1310	nm
Output Power	3	dBm
General		
RF Connector	F-female	
Power Supply Connector	F-female	
Power Supply Voltage	11-35	Volt DC
EMC Compatibility	EN 50083-2	
Safety	EN 60825-1_2007	
Operating Temperature	-5 ... +45 / +23 ... +113	°C / °F
Dimensions	185 x 80 x 35 / 7.27" x 3.15" x 1.38"	mm / in
Weight	400 / 0.88	g / lb
Index Operation	IP 30	

Part #238201