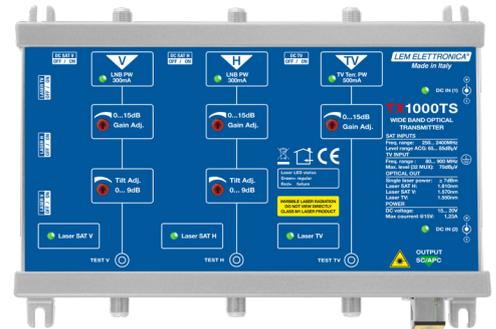


TX1000TS

Wide Band Optical Transmitter

-  **Wide Band LNB inputs**
-  **RF test and monitor ports**
-  **SAT inputs with AGC and slope control**
-  **Dual DC inputs for redundancy**
-  **Supplied with power supply**



Three-wavelength optical transmitter using low-distortion, highly linear DFB lasers, for distributing a complete satellite orbital position and terrestrial TV over a single single-mode optical fiber.

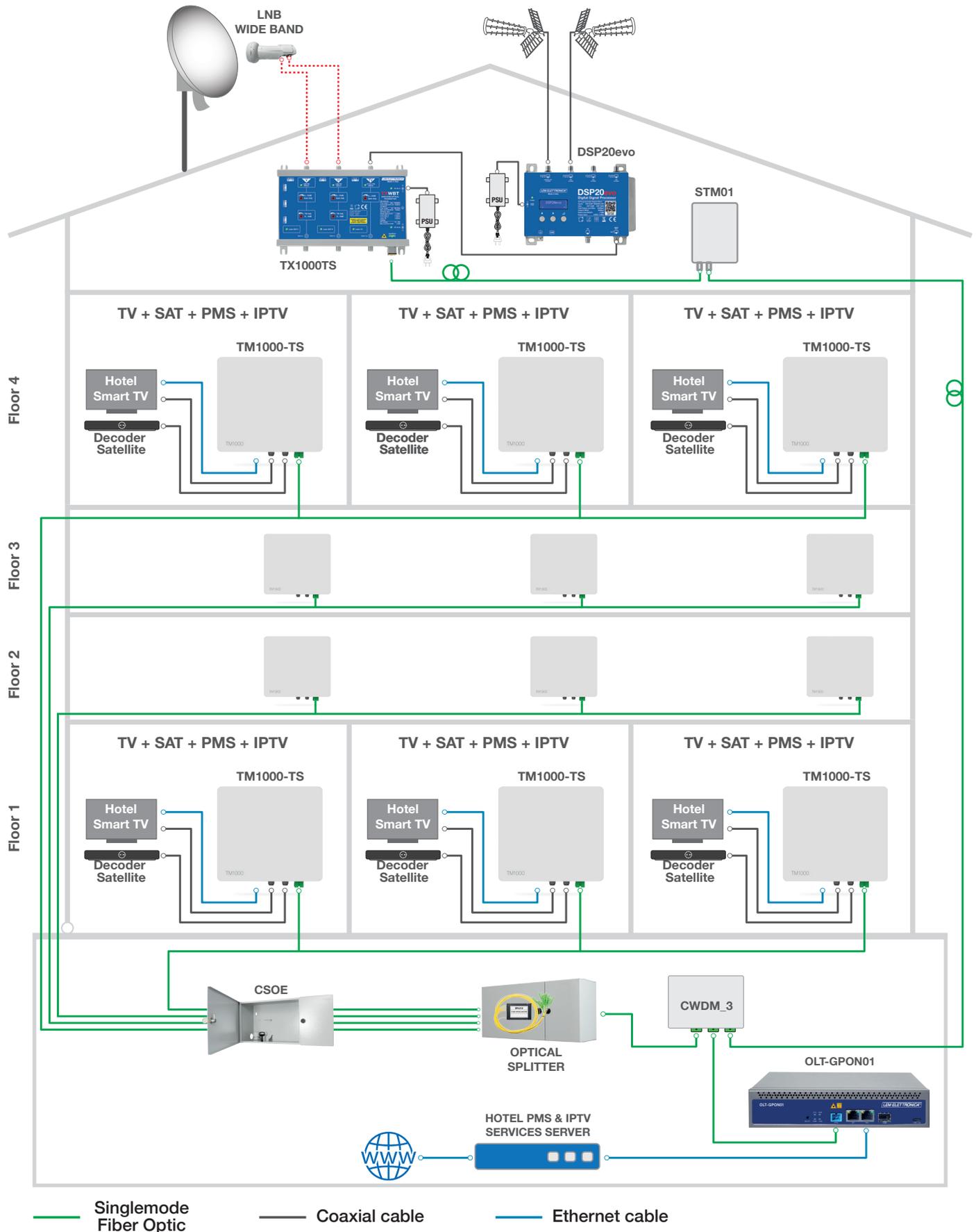
Ready for
UHDTV

5
WARRANTY YEARS

MODEL		TX1000TS
RF INPUTS	n°	3
RF TEST OUTPUTS	n°	3
OPTICAL OUTPUT	n°	1
OPTICAL		
OUTPUT WAVELENGTH	nm	V 1570 - H 1610 - T 1550
LASER TYPE		UN-COOLED MULTI QUANTUM DFB
LASER CLASS		1M, EN 60825-1
OUTPUT POWER	dBm	8
OUTPUT CONNECTOR		SC/APC
RETURN LOSS	dB	>40
SATELLITE		
INPUTS BANDWIDTH (for Wide Band LNB)	MHz	250... 2.400
INPUT RANGE LEVEL (ADJUSTABLE)	dBµV	70... 90
A.C.G. RANGE	dB	20
SLOPE ADJUSTER RANGE	dB	0... 9
RETURN LOSS	dB	>12
LNB REMOTE FEEDING		5,25W (15VDC/350mA)
TV TERRESTRIAL		
INPUT BANDWIDTH	MHz	80... 900
INPUT LEVEL FOR 32 MUX	dBµV	70
INPUT LEVEL ADJUSTER RANGE	dB	0... -20
TERRESTRIAL REMOTE POWER FEEDING		8W (14VDC/570mA)
OTHERS		
DC INPUT VOLTAGE	V	12... 20
MAX. POWER CONSUMPTION WITHOUT EXTERNAL LOAD	W	3,5
MAX. POWER CONSUMPTION WITH EXTERNAL LOAD	W	17
SHORT-CIRCUIT PROTECTION		ALL INPUTS
DIMENSIONS	mm	146x200x38
OPERATING TEMPERATURE	°C	0... +50

TV + Satellite + Data Distribution

Hospitality system with single-fiber distribution of terrestrial TV, satellite TV, and a data line for access to hotel PMS and IPTV services.



TV + Satellite + IP Video Door Entry System

System diagram with single-fiber distribution of terrestrial TV, satellite TV, and an IP video intercom powered directly by the TM1000-PTS terminal with integrated PoE+ functionality.

