

Compact Transmitter

Features & Benefits:

- Two to five L-Band (200~2500MHz) signals
- Ability to add CATV/SMATV signal
- Stand Alone housing
- Low Power Consumption
- AGC circuitry



Product Description

Foxcom's AL5T3 Compact optical transmitter is the latest addition to the BsmarTV suite of products. The BsmarTV platform is a cost effective system to distribute between two and 5 L-Band (SAT-IF) polarities, and one Cable TV and digital terrestrial signals. The BsmarTV compact series of transmitters is designed for deployments in both small and medium buildings.

Specifications

	AL5T3-1-1513-1		AL5T3-1-1610-5 (5 L-band only)
	L-Band (SAT-IF)	Cable TV	L-Band (SAT-IF)
RF Input			
Operating Frequency Range (MHz)	950-2400	54-860(10-20 channels)	200-2500
Minimum RF Input Power	-55dBm	15dBmV	-40dBm
Maximum RF Input Power	-35dBm	25dBmV	-20dBm
Flatness	±0.5dB	N/A	±0.5dB
CNR (Min. dBc)	35dB1	482	35dB1
IMD (Max dBc)	40	N/A	40
RF Input Connector	F-type Female		
CSO @ Pin = 0dBm	N/A	56dBc	N/A
CTB @ Pin = 0Dbm	N/A	60dBc	N/A
Output Return Loss	-10dB		
RF Input Impedance	75 Ohms		
RF Input Return Loss (Min.)	-10dB		
Gain Control	AGC	AGC	AGC
LNB Powering VDC (User Defined)	N/A		
Signaling (KHz): Set on/off	N/A		
Optical Output			
Optical Wavelengths	1310	1530	CWDM 1610-1510

Optical Output Power	+10dBm	+4dBm
Optical Output Connector Type	SC/APC	
General		
Power Connector	Round 2 pin 1.9mm DC power (male)	
Supply Voltage (VDC)	12V 2A	
Maximum Current Drain (mA)	1.2A	
Operating Temperature (°C)	-10 - +55	
Storage Temperature (°C)	-45 - +85	
Dimensions (W x H x D) mm	208 x 58.6 x 131	

Notes:

1. @ 36MHz
2. With Matched RX @ -5dBm optical

Ordering Information

Part Number	Description
AL5T3-1513-1A	BsmarTV compact stand alone transmitter with dual polarity L - Band (SAT-IF) 950-2700MHz and Cable TV 54-860MHz
AL5T3-1513-1E	BsmarTV compact stand alone transmitter with dual polarity L - Band (SAT-IF) 950-2700MHz and Cable TV 85-860MHz
AL5T3-1-CWDM-5	BsmarTV compact stand alonesingle output transmitter with 5x L-band (SAT-IF) 200-2450MHz with internal CWDM
AL5T3-2-1613-4	BsmarTV Compact stand alone transmitter with 3x L-Band (SAT-IF) 200-2500MHZ and one combined L-Band (SAT-IF) 54 - 2700 MHz 1310nm +10dBm DFB transmitter L-Band and Cable TV, analog and digital TV (up to 20 channels) external CWDM
AL5T3-1-CW13-4-4	BsmarTV Compact stand alone transmitter with 3x L-Band (SAT-IF) 200-2500MHZ and one combined L-Band (SAT-IF) 54 - 2700 MHz 1310nm +10dBm DFB transmitter L-Band and Cable TV, analog and digital TV (up to 20 channels) - Single output with internal CWDM

Installation Guide

For more details click on a quick link:

- [BsmarTV 4 + 1](#)
- [BsmarTV 5 + 1](#)
- [BsmarTV 5 + 0](#)

- [Foxcom Compact Installation Guide internal CWDM rev2 0](#)
- [Foxcom Compact Installation Guide external CWDM rev2 0](#)

SatelliteDish.com 954-941-8883
