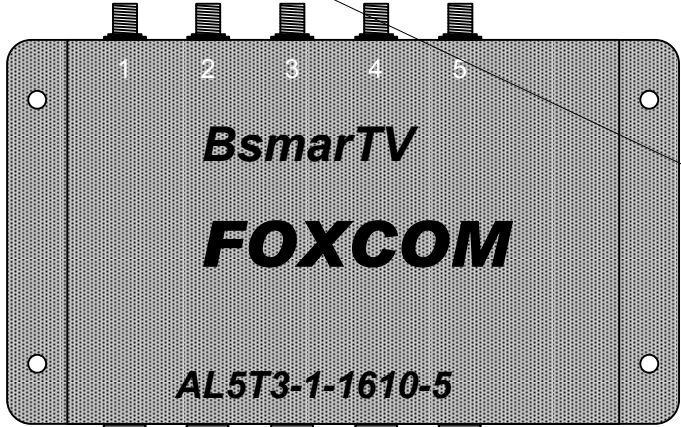


In from LNB/polarity-locker
 Input freq. Range 200~2500 MHz
 Input power -40 ~ -20dBm



810TX1310nm



+13dBm optical output

Input freq. Range 45~870 MHz
 Input power +15 ~ +27dBm

Out to MFH-2 distribution

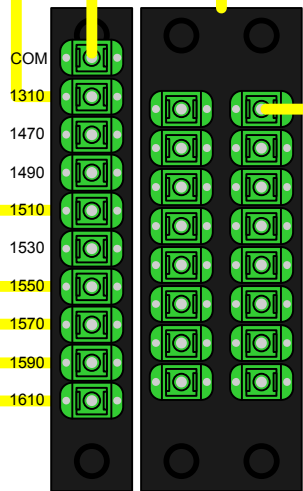


Block ALL voltage from power inserters from entering TX using 75ohm voltage blocking couplers!!

+4dBm optical output all ports

- Port 1 1610nm
- Port 2 1590nm
- Port 3 1570nm
- Port 4 1530nm
- Port 5 1510nm

Mounted in LGX-4



Typical fiber optic cable plant loss -1dB

Single-mode fiber SC/APC connectors

CWDM typical loss -2dB

Splitter Modules typical loss

- 1 x 8 - 10.5dB (LGX)
- 1 x 16 - 13.5dB (LGX)
- 1 x 32 - 16.5dB (LGX)

Notes:

1. L-band Optical input -16dBm to -8dBm
 Cable TV optical input -4dBm to 1dBm
2. L-Band output @ -10dBm optical input is -30dBm/
 Cable TV RF output @ -4dBm optical input is 16dBmV
3. Nominal L-Band output:
 Thru 8 way: -27dBm
 Thru 16 way: -33dBm
 Thru 32 way: -39dBm
4. Nominal Cable TV output:
 Thru 8 way: +16dBmV/channel
 Thru 16 way: +9dBmV/channel
 Thru 32 way: +2dBmV/channel

FOXCOM Comprehensive RF-Fiber Solutions		TITLE: BsmarTV 5 + 1	
		5 L-band inputs and 1 CATV	
DATE: 8/18/10	FSCM NO	DWG NO	
By: Joseph Lingenfelter	SCALE NONE	SHEET	2 OF 5