



BsmarTV Series

AL6R-66-CWDM Compact Fiber Optic Receiver



Key Features

- 6 Expanded L-band frequency inputs
- Single SC/APC input
- Six F-type outputs
- Stand-alone housing
- Low power consumption
- Optical data connection
- AGC circuitry
- Plug & Play deployment

Product Description

The Global Foxcom compact AL6R-66-CWDM receiver converts incoming signals from Global Foxcom's optical AL6T-66-CWDM transmitter into 6 RF outputs. This cost-effective solution boasts a large optical input window and linear performance, enabling it to distribute up to 6 high-quality, L-Band (200-2400MHz) TV signals to multiple dwelling units. The receiver is designed with internal CWDM to provide optimum, quality satellite TV signals in point-to-multi-point applications. Optical connectors are provided for data communication using 1310 and 1490nm. The AL6R-66-CWDM compact design and low power consumption enables it to be easily integrated in any MDU environment.

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Parameters	AL6R-66-CWDM
RF Output	Channels 1 – 6
	L-band (SAT-IF)
Output Power	-30dBm / to @ Pin = -10dBm optical for 48 transponders
Operating Frequency (MHz)	200-2400
Output Return Loss	-9dB
RF Output Impedance	75 Ohms
RF Connector Type	F-type female
Optical Input	
Optical Wavelengths (nm)	Video 1470, 1510-1610 Data 1310/1490
Maximum Input Power	-8dBm
Minimum Input Power	-16dBm
Return Loss	-45dB
Fiber Type	SMF-28 (or equivalent)
Optical Connector	SC/APC
General	
Power Connector	Round 2 pin 1.9mm DC power (male)
Supply Voltage (VDC)	12V 2A
Maximum Current Drain	500mA
Operating Temperature	-10°C - +55°C
Storage	-45°C - +85°C
Dimensions	230 x 131 x 58