



BsmarTV Series

AL5R3-55 Compact Fiber Optic Receiver



Key Features

- 5 Expanded L-band frequency input
- Single SC/APC input
- Five F-type outputs
- Stand-alone housing
- Low power consumption
- AGC circuitry
- Plug & Play deployment

Product Description

The Foxcom compact AL5R3-55 receiver converts incoming signals from Foxcom's optical AL5T3-1-CWDM-5 transmitter into multiple RF outputs. This cost effective solution boasts a large optical input window and linear performance, enabling it to distribute up to five high-quality, L-Band (200-2400MHz) TV signals to multiple dwelling units. The AL5R3-55 is designed with internal CWDM to provide optimum, quality satellite TV signals in point-to-multi-point applications. The AL5R3-55's compact design and low power consumption enables it to be easily integrated in any MDU environment.

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Parameters	AL5R3-55
RF Output	Channels 1 – 5
	L-band (SAT-IF)
Output Power	-30dBm / tp @ 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)	CWDM 1610-1510
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	400mA
Operating Temperature	-10°C - +55°C
Storage	-45°C - +85°C
Dimensions	208 x 58.6 x 131

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All specifications are subject to change without notice. Rev 2, Oct 2016.