

Six Channel High Density L-Band Coax Over Fiber Kit

Single fiber transport for Satellite TV antennas with up to 6 coax feeds.



TRANSPORT 6 L-BAND COAX ON 1 FIBER CABLE

The F-LB61 platform from Thor Broadcast is designed for the highest capacity satellite TV systems. The system provides remote antenna support for 6 LNB coax feeds over a single strand of singlemode fiber. The transmitter units are available in a variety of form factors, including models designed to meet outdoor NEM 4 weather specifications.

In addition to customizing CWDM channels the units are also available in a range of power options. Higher laser power ratings are available to meet the needs of the available fiber infrastructure. Thor's team of optical engineers are available to analyze link loss data for an optical link and recommend the proper equipment.

Product Specifications and Information Table

Transmitter Parameters		Optical Power Outputs	
Optical Wavelength	1310nm - 1610nm CWDM	Laser Rating = 2 mW	Optical Power Out = 3.0 dBm
Standard Wavelengths	Varies, By Request	Laser Rating = 4 mW	Optical Power Out = 6.0 dBm
RF Input Inputs	6x Coax Type-F 75Ω	Laser Rating = 6 mW	Optical Power Out = 8.0 dBm
Return loss	>12 dB	Laser Rating = 10 mW	Optical Power Out = 10. dBm
RF Frequency Response	45 - 2800 MHz	Power Consumption	
RF Input Power Range	14-25dBmV	Power supply	AC 110 - 240 VAC
RF Connector Type	F-Type, (Or by Request)	DC input voltage range	24V~48V
CNR	40 dB	Power consumption	50W±10% (varies by temp)
IMD	40 dB	Environmental	
Receiver Parameters		Working temperature	-30 ~ 60°C
Optical Wavelength	Matched to Transmitter	Unit Weight (sea level)	3.5 kg
Optical Power Range	-13 dBm - 0 dBm	Storage temperature	-40 ~ 85°C
RF Frequency Response	45 - 2800 MHz	Dimensions	
RF Connector Type	F-Type, (Or by Request)	Rackmount Enclosure	482mm×268mm×44mm