

OPTICAL FIBRE TRANSMITTERS

The KOT001 directly modulated optical transmitter has an input range of 47~2600MHz and is specifically designed for the transmission of Digital TV (DVB-C, DVB-T/T2) and Satellite TV (DVB-S) signals.

This transmitter is Foxtel approved & is ideal for use in a FTTx PON system.

The KOT010 transmitter is a compact wall mountable transmitter & is ideal for point to point applications.

FEATURES

- Wide Band Type: 47~2600MHz
- Suitable for Digital TV and Satellite TV application
- One fibre can transmit Digital TV (DVB-C, DVB-T/T2) and satellite TV (DVB-S)
- Cooled HGHL DFB laser provides better system stability (KOT001 only)
- 1550nmTX can be amplified by EDFA, YEDFA to cover large-scale FTTH and is compatible with any FTTx PON technology
- Dual power supply, 1+1 backup (KOT001 only)



KOT010

OPTICAL FIBRE TRANSMITTERS		
PART NUMBERS	DESCRIPTION	FOXTEL IPL NO.
KOT001	Optical Fibre Transmitter 1550nm - 4mW/6dBm, 19" Rack Mount	F31055
KOT010	Optical Fibre Transmitter 1550nm - 4mW/6dBm, Compact & Wall Mountable	F31150



KOT001

OPTICAL FIBRE RECEIVERS

The KOR001 optical receiver uses a high-sensitivity PIN detector.

The receiving sensitivity range is +1 to -13dBm. It can receive analogue and digital signals within the frequency range of 47~2600MHz on a single fibre and is compatible with any FTTx PON system to achieve a triple-network combination between Digital TV (DVB-C, DVB-T/T2), Satellite TV (DVB-S) and Internet.

Both receivers are Foxtel approved.

FEATURES

- High linearity, suitable for Digital TV and SAT-IF application
- Wide band Type: 47~2600MHz
- Digital TV (DVB-C, DVB-T/T2) and Satellite TV (DVB-S) signal can be received via a single fibre at the same time
- Built-in WDM (KOR001 only) to separate wavelengths of 1550nm (CATV) and 1310/1490nm (data)
- LED indicator
- Compact in design, wall mountable and light weight



KOR001



KOR002

OPTICAL FIBRE RECEIVERS		
PART NUMBERS	DESCRIPTION	FOXTEL IPL NO.
KOR001	1550nm Optical Fibre Receiver with WDM	F31054
KOR002	1550nm Optical Fibre Receiver	F31076