BROAD BAND OPTICAL TRANSMITTER





Features

- Analog & Digital signal support
- Excellent Linearity
- EDFA Application
- Low MER Loss
- Antenna Input
- DC / Battery Operated

Specification

RF Input

Input level : 80 - 90 dBuV / Channel (Max)
Band Width : 40 to 900 Mhz
Gain : 10 - 20 dB
Output P1 : 17 - 27 dBm
Output IP3 : 33 - 46 dBm
Linearity : ± 1.5 dB
Noise Figure : < 1.8 dB

Optical Output

Wavelength : 1550nm
LASER Type : CW DFB
Power : +8 dBm
Connector : SC/APC
LASER : Coaxial
Thermal : Un cooled
Impedance : 50 / 75

Electrical

Input Voltage : 12VDC
Power Consumption : 4Watt @ 12VDC

Packaging Contents:

Optical Transmitter - 1No
Adopter - 1No

Application

- CATV Digital QAM
- VHF & UHF
- FM Radio
- Live Transmission
- DUT Optical Lab
- Remote antenna system
- Up to 20Km fibre Link
- SM Fibre Testing

Mechanical

Type : Indoor
Enclosure : Aluminium
Mounting : 1U Rack Mounting
Top : -10 to 55 Dec C
DC Jack : 2 mm X 5.5mm
Dimension : 490mm X 300mm X 50mm(LBH)
Weight : 4Kg

Ordering Information

50 Ohm

Model No : ACOT-10S - 10dB Gain SMA Female
Model No : ACOT-20S - 20dB Gain SMA Female
Model No : ACOT-10B - 10dB Gain BNC Female
Model No : ACOT-20B - 20dB Gain BNC Female

75 Ohm

Model No : ACOT-10F - 10dB Gain F Female
Model No : ACOT-20F - 20dB Gain F Female

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