

1310nm Fiber Optical Transmitter

1310nm optical transmitters are mainly used in CATV 1310nm optical fiber transmission network. We also developed the outdoor type which adopts cast aluminum waterproof shell to solve the engineering problem that the remote areas cannot build the machine room. The outdoor type can adapt to -40°C~ +50°C field work environment.

Item	Specification	Item	Specification
Output(mW)	2~36mW	CSO (dBm)	≥60
Wavelength(nm)	1290~1310	RF In(dBuV)	80±5
Fiber Connector	FC/APC,SC/APC	Unflatness	≤0.75
Bandwidth(MHz)	47~862	Power loss(W)	≤30
Channels	85	Power Voltage(V)	220V(110~254)
C/N(dB)	≥51	Working Temp(°C)	0~45
CTB(dBm)	≥65	Size	19×15×1.75"

SS02 CATV Optical Transmitter

SS02 CATV optical transmitter made improved better in Power consumption, output accuracy and high reliability than that of SS02 style which is mainly used in optical fiber Transmission of Television Image Signal, Digital Signal, Television ,Telephone, Voice Signal Data (or Compressed Data) Signal.

With All property technology data meeting international demands and pay attention to product cost CATV optical transmitter is first choice of building big and medium size optical transmission network of 1550nm CATV equipment.

Technical Data

SS02

Optical Output
power

3-10dBm

Technical Data	SS02	Optical Output power	3-10dBm
RF Input Level	75~95dBuV	Bandwidth	47~862 & 1080MHz
RF Input Return Loss	≥ 16 dB	CTB	≥ 65 dB
Working Temp.	-5°C~+55°C	Net Size	423X330X45mm
Wave Length	1550nm \pm 15nm	Laser Type	DFB Laser
RF AGC Control Range	± 10 dB	Flatness	± 0.75 dB
CNR	≥ 51 dB	CSO	≥ 60 dB
Relative Humidity	Max 95%,no condense	Unit Packing Size	575X488X89mm
Optical Adjusting Mode	Direct Optical Regulation	Optical Connector	SC/APC & SC/UPC
MGC Adjustable Range	0~15dB	RF Impedance	75 Ω
Working Voltage	AC220V(160~265V) & DC48V(35~72V)	Consumption	<10W
N.W.	4kgs	Carton G.W.	12kgs(2pcs)