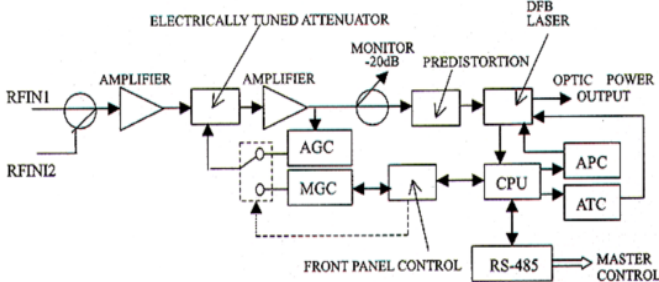


**Features**

- DBF, Laser; narrow spectral lines, high output, fine lineality
- Interior temperature and light power control
- Display of operating condition
- RS-485 interface for network management
- Long-distance monitoring of operating condition

YTOT275AC optic transmitter uses an advanced DFB laser. Inside the unit feature over voltage and over the current protection, an automatic temperature and light power control which keeps the DFB transmitter stable. YTOT275AC has two types, one fitted with LCD, and the other is fitted with VFD, You can turn the black selecting knobs to observe the operating parameter of this transmitter. Besides, the DFB type of has the function of alarm. YTOT275AC has two interfaces for network management on the rear panel. The network management response from each transmitter is connected to the master control via RS485 interface. Having a corresponding address of its own, each transmitter, when the network management is operating, will collect its own operating parameters and send them to the master control in the form of digital signals, which will then be sent to the micro-computer for real-time monitoring.



**Environment Requirement**

- Operating temperature: -10°C~+50°C
- Storage temperature: -40°C~+70°C
- Relative temperature: ≤ 90%

**External Characteristic**

- Supply power consumption: 20W(max)
- Supply voltage: AC135-270V, 50Hz
- Frame measurement: 19" standard frame

Optical Indexes	Radio Frequency	System Indexes
<ul style="list-style-type: none"> <li>• Operating wavelength: 1310±20nm</li> <li>• Light Output power: 2mW~20mW</li> <li>• Optic Connector: FC/APC or SC/APC</li> </ul>	<ul style="list-style-type: none"> <li>• Bandwidth: 47~750(862)MHz</li> <li>• Input: 75~80dB μ V</li> <li>• In-band flatness: ±0.75dB</li> <li>• Connector: Type F, 75Ω</li> </ul>	<ul style="list-style-type: none"> <li>• 59-channel PAL-D radio frequency 4.0% modulation degree.</li> <li>• CNR: ≥ 51dB</li> <li>• CTB: ≤ -65dB</li> <li>• CSO: ≤ -61dB</li> </ul>