

## ON-870 Four Output Optical Node

### MODEL: ON-870



### Products Description

ON-870 Four Output Optical node is a new exploitative bi-direction broadband optical node which combines the current HFC transferring network and international advanced technology. Main part in device adopt module type, it can be assembled in many different ways according to the user's needs. It's considered and solved the noise figure problem in the return channels, and sets up good operating status monitor circuit, obligates the standard network and responder ports. It's an ideal transferring platform for simulated and digital signals to build the large-scale optical network

### Optical Parameter

Obverse Receiving		Reverse Transmitting	
Optical Wavelength(nm)	1100 ~ 1600	Optical Wavelength(nm)	1310±10
Input Optical Power Range (dBm)	-5 ~ +2	Return Transmitting Output Power (mw)	1-5mW
Optical Connector Optical Tie-in Model	FC/APC or SC/APC	Optical Connector Optical Tie-in Model	FC/APC or SC/APC
Optical Return Loss(dB)	≥45	Optical Return Loss(dB)	≥45

### Link Parameter

Obverse Receiving		Reverse Transmitting	
CNR(dB) > 50		CNR(dB) > 50	
CSO(dBc) ≤ -62			
CTB(dBc) ≤ -65			

### Other Parameter

Power Voltage	AC180V ~ 250V/AC60V
Power Consumption	< 80W
Working Temperature	-10 ~ 60°C
Storage Temperature	-20 ~ 70°C
Dimension	400W * 230D * 200H(mm)
Weight	14kg

### RF Parameter

Item	Obverse	Reverse
Frequency Band(MHz)	45/87 ~ 750 45/87 ~ 860	5 ~ 35/65
Flatness In Band(dB)	± 0.75	± 1
RF Impedance (Ω)	75	75
Return Loss(dB)	≥16	≥16
Middle Attenuation(dB)	Insertor can be chosen (1, 2...)	Insertor can be chosen (1, 2...)
Middle Slope(dB)	Insertor can be chosen(3, 6...)	Insertor can be chosen(3, 6...)
Port Output	Each Port 108 dBμV Output	> 85 dBμV Input

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: [Sales@zhtelecomm.com](mailto:Sales@zhtelecomm.com) Website: [www.zhtelecomm.com](http://www.zhtelecomm.com)  
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