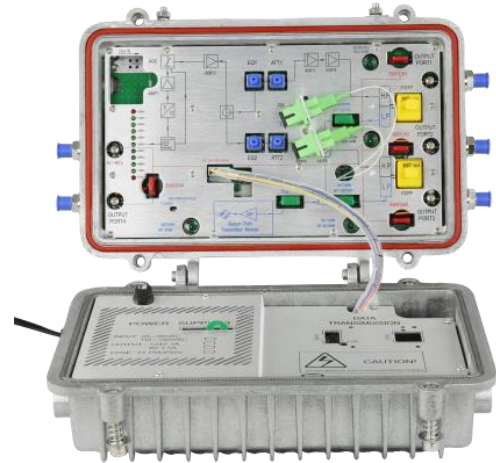


OR719

OUTDOOR BI-DIRECTIONAL FOUR OUTPUTS OPTICAL RECEIVER

Features

- ◆ High responsivity PIN photoelectric switch tube.
- ◆ Precision detection circuit can real-time display the output power through LED lamp or digital tube accurately.
- ◆ Optimize the circuit design, SMT + module amplifier classic circuit photoelectricity signal transmission is more fluency.
- ◆ Power double output, high gain, low distortion, compact structure, convenient installation, is the first-choice equipment of FTTB CATV network.
- ◆ Excellent optical AGC control technique, when the input optical power range is $-7 \sim +2$ dBm, the output level, CTB and CSO basically unchanged.



Technical

No.	Item	Unit	Technical Parameters
1	Forward Path Parameters (Optical Parameters)		
a	Receiving Optical Power	dBm	$-8 \sim +2$
b	AGC range	dBm	$-7 \sim +2$
c	Optical Return Loss	dB	>45
d	Optical Receiving Wavelength	nm	$1100 \sim 1600$
e	Optical Connector Type		SC/APC or specified by the user
f	Fiber Type		Single mode
2	Link Parameters		
a	C/N	dB	≥ 51
b	C/CTB	dB	≥ 65
c	C/CSO	dB	≥ 60
3	RF Parameters		
a	Frequency Range	MHz	$47 \sim 862$
b	Flatness in Band	dB	± 0.75
c	Rated Output Level	dBμV	$\geq 103(-7 \sim +2 \text{ dBm})$
d	Max Output Level	dBμV	≥ 110
e	Output Return Loss	dB	≥ 14
f	Output Impedance	Ω	75
4	Return Path Parameters		
a	Wavelength	nm	Default 1310nm (can custom 1550nm)
b	Bandwidth	MHz	5-30&42&65
c	Output power	mW	1
d	Flatness	dB	± 0.75
5	General Characteristics		
a	Power Voltage		AC35~AC90V or AC90V~AC135V or AC140V~ac265V or customized
b	Operating Temperature	°C	$-40 \sim 60$
c	Consumption	VA	≤ 30
d	Dimension	mm	325*200*120

