

BCON2 SERIES OPTICAL NODE

FEATURES:

- Suitable for CATV HFC network and FTTB installation
- Support 1GHz downstream operating
- LED indicators for optical input and laser on
- Plug-in attenuator pad and equalizer pad
- Compact indoor housing



TECHNICAL SPECIFICATIONS:

Model		BCON2-F	BCON2-M	BCON2-H
Forward way	Optical wavelength	1290~1600nm		
	Optical input power	-6~+3dBm		
	RF bandwidth	45~1000MHz	54~1000MHz	85~1000MHz
	RF output level	115dBμV (42ch CENELEC 9dB slope and 4% OMI) 111dBμV (42ch CENELEC flat and 4% OMI)		
	Link performance	CTB: >60dB / CSO: >60dB CNR: >50dB (42ch CENELEC and maximum optical input power)		
	Plug-in attenuator	0, -3, -6, -9, -12dB		
	Plug-in equalizer (slope)	0, -9dB		
	RF flatness	±0.75dB		
	RF output test point	-30dB		
Reverse way	Optical wavelength	---	1310nm (±20)	
	Optical output power	---	0dBm	
	RF bandwidth	---	5~42MHz	5~65MHz
	RF input level	---	75dBμV	
	Plug-in attenuator	---	0, -5dB	
	RF flatness	---	±0.75dB	
	RF input test point	---	-20dB	
General	Optical connector	SC/APC		
	Optical return loss	>45dB		
	RF connector	F		
	RF return loss	>16dB		
	Power supply voltage	100~250VAC		
	Power consumption	15W	20W	
	Screening factor	> 80dB		
	Dimensions	110mm(H)x192mm(W)x80mm(D)		
	Weight	1.5kg	1.6kg	
	Temperature	-20~+60°C		