



Техническа спецификация

PON Power Meter XC-3213 1310/1490/1550, FC/SC/ST

Код на продукта: 40988

Features

xc3213 PON aims at the FTTx application and maintenance.

xc3213 PON power meter is able to simultaneously test and estimate the signals of the voice, data and video.

Specifications

PON module:

PON module:	3213	3213A	3213AV	3213AP
1310 upstream measurement				
Pass Zone(nm)	1260nm~1360nm			
MeasurementRange(dBm)	-40dBm~+10dBm			
Output power(max)	15dBm			
Isolation@1490/1550(dB)	>40dB			
Burst mode measurement error	<±0.5dB			
1490 downstream measurement				
Pass Zone(nm)	1470nm~1505nm			
MeasurementRange(dBm)	-40dBm~+10dBm			
Output power(max)	15dBm			
Isolation@1310/1550(dB)	>40dB			
1550 downstream measurement				
Pass Zone(nm)	1535nm~1570nm			
MeasurementRange(dBm)	-40dBm~+20dBm			
Output power(max)	25dBm			
Isolation@(1310/1490nm)	>40dB			
Measurement Accuracy				
Connatural uncertainty(dB)	±0.5dB			
Linearity(dB)	±0.1dB			
Passing through insertion Loss(dB)	<1.5dB			
General Information				
Detector Type	InGaAs			
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter			
Fiber Type	SM 9/125um			
Measurement Unit	dB/dBmXW			
Resolution (dB)	0.01dB			
Data Storage	1000			
Number of Port	2 Ports (ONT and OLT/Video)			
Operation Voltage(V)	DC 3.3V~5.5V			
Power Supply	3pc1.5V battery			
Continuously Operation time (h)	PON:90h	PON:90h	PON:90h	PON:90h
	OPM:100h	VFL:50h		OPM:100h
Operation Temperature(°C)	-10°C~60°C			
Storage temperature(°C)	-25°C~70°C			
Weight(kg)	423g	425g	424g	424g

Note: The operation time of the battery are all for the instrument that do not turn on backlight. If the backlight turns on the operation time will be shorter.

Normal Optical Power Meter Module:

Normal Optical Power Meter	3213	3213A	3213AP
Measurement Accuracy			
Connatural uncertainty(dB)	None	±0.5dB	
Linearity(dB)		±0.1dB	
Measurement Range(dBm)	-70dBm~+6dBm		
General Information			
Measurement Unit	None	dB/dBm	
Resolution (dB)		0.01dB	
Calibration Wavelength(nm)		1300/1310/ 1490/1550/1625	850/1300/1310/ 1490/1550/1625
Detector Type	InGaAs		
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter		

Note: JW3213 do not have the OPM module

VFL Module:

Normal Optical Power Meter	3213	3213A	3213AP
Measurement Accuracy			
Connatural uncertainty(dB)	None	±0.5dB	
Linearity(dB)		±0.1dB	
Measurement Range(dBm)	-70dBm~+6dBm		
General Information			
Measurement Unit	None	dB/dBm	
Resolution (dB)		0.01dB	
Calibration Wavelength(nm)		1300/1310/ 1490/1550/1625	850/1300/1310/ 1490/1550/1625
Detector Type	InGaAs		
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter		

