

Power meter XFO 520

COMCAST GROUP



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Descriptions

XFO520 a PON Power Meter (pon test instrument) is specially designed for PON network construction and maintenance which can be connected between OLT and ONT. The voice, data, video signal (1310/1490/1550) online can be measured synchronously and optical power value (1310/1490/1550) can be displayed with this meter. It's a useful site test tool for the engineers of PON network and maintenance operators.

Main Features

- Hand held easy to operate
- Can test 3 wavelengths' power of PON system synchronously: 1310nm, 1490nm, 1550nm,
- Can test the burst mode signal of 1310nm
- True color screen
- Friendly operation interface, human message management and operation function
- Supply 10 groups of threshold values for operator's choice, analyze and display pass and fail status
- Relative value choice and edit function
- Can save 1000 records and upload the records through USB to management software
- Can set the threshold value, upload data, and calibrate wavelength through management software Autos hut off (according to set value)
- Auto backlight off (according to set value)
- 6600mAh Lithium battery
- Power saving design (Low voltage self-check and power off)
- Real-timeclock display
- Optical Power Meter (Optional Function)
- Visual Fault Locator10mw (Optional Function)

Specification

Standard wavelengths	1310 (upstream)	1490 (downstream)	1550 (downstream)
Pass zone (nm)	1260~1360	1470~1505	1535~1570
Range (dBm)	-50~+10	-50~+10	-45~+23
Isolation @1310nm(dB)		>40	>40
Isolation @1490nm(dB)	>40		>40
Isolation @1550nm(dB)	>40	>40	
Accuracy			
Uncertainty(dB)	±0.5		
Polarization Dependent Loss (dB)	<±0.25		
Linearity(dB)	±0.1		
Through Insertion Loss(dB)	<1.5		
Resolution	0.01dB		
Unit	dBm/xW		

- LCD: 480*800, True color touch screen
- Battery: 3.7V 6600mAH rechargeable Lithium battery
- Working temperature: -10~60° C
- Storage Temperature: -25~70° C
- Dimensions(mm) : 185*80*50
- Weight(g): about 370g

Orden Option

XFO520a	Only PON Power Meter
XFO520a-OV1	PON+10MW VFL+optical power meter (850,1300,1310,1490,1550,1625nm)

Packing



PON Power Meter



Carry Case



Battery charger



USB Cable



CD (Management Software)



Cleaning Cotton Swab



Factory Test Report

Detail Pictures





Notice: There are two connector's type of PON Power Meter: SC/PC and SC/APC, default connector is SC/APC

Customers must specify the connector type before ordering this model

For More Information

Please visit our website www.comcast-sa.com or contact your local sales representative.

Comcast México

Overseas Sales Subsidiary
Calz. Lázaro Cárdena #1309
Col. Industrial CP.44940
Guadalajara, Jalisco
Tel. +52 33 38607059
Email: gerente.mx@comcast-sa.com

Comcast Guatemala

Overseas Sales Subsidiary
20 calle 23-70 Zona 10
Guatemala
Tel. +506 4004 1400
Email: gerente.gua@comcast-sa.com

Comcast Nicaragua

Overseas Sales Subsidiary
3ra. Entrada las Colina, Embajada
de Cuba 1C. Este, Casa#34
Managua, Nicaragua
Tel. + 1809 5711033
Email: admin.nic@comcast-sa.com

Comcast Dominican Republic

Overseas Sales Subsidiary
Winston Churchill no.5, suite 3F, Distrito Nacional
Santo Domingo, Dominican Republic
Tel. + 1 809 571 1033