



### FCA-30 5G Fronthaul Analyzer

- Applicable to the opening and maintenance test of 5G front-haul/CWDM transmission system
- Supporting 1271~1611nm 18 channel optical power level testing
- Supporting 1271~1611nm 18 channel OTDR test to pass through WDM
- Ultra short deadzone to accurately measure total optical fiber link from DU to AAU
- Serial connection test by dual optical port, which does not affect the online service
- Bluetooth function, supporting on-site test data cloud docking

Items	Specifications
<b>CWDM Optical Power Meter</b>	
Detector Type	InGaAs
Fiber Type	SM fiber
Calibrated Wavelength	1271~1611nm
Test Range	-40~+10dBm
Number Of Channels	18
Channel Spacing	20nm
Accuracy	±1dB
Display Resolution	0.01dB
Isolation	>25dB
Threshold Setting	10 groups
Insertion Loss	<1.5dB
Data Storage	500 groups

Let's go in the grandway!





Let's go in me grandway!

CWDM OTDR	
Fiber Type	SMF (ITU-T G.652)
Wavelength	1271nm, 1291nm, 1311nm, 1331nm, 1351nm, 1371nm, 1391nm, 1411nm, 1431nm, 1451nm, 1471nm, 1491m, 1511nm, 1531nm, 1551nm, 1571nm, 1591nm, 1611nm
Wavelength Channel	18 channels
Dynamic Range	38dB
Distance Range	1km, 2km, 5km, 10km, 20km, 40km, 80km
Pulse Width	3ns/5ns/10ns/30ns/50ns/100ns/275ns/500ns/1us/10us/20us
Event dead-zone	≤1m
Attenuation dead-zone	≤4m
IOR Setting	1.30000~1.70000
Sampling Points	64000
Sampling Resolution	0.05m (1km)
Distance Accuracy	±(1m+Test distance×3×10 <sup>-5</sup> +Sampling resolution)(excluding IOR uncertainty)
Loss Accuracy	0.1dB
Linearity	0.1dB
Reflectance Accuracy	±2dB
Others	
Interface	Optical port: FC/UPCx2
	Charging port: USB Type-C
	Wireless interface: Bluetooth
Data Storage	16GB micro SD card
Battery	Two 5000mAh lithium batteries
Working Temp	-10℃~+60℃
Humidity	0~90% (Non condensing)
Dimension	286×190×80mm
Weight	2.5kg

