NK6000   OTDR

NK6000 series optical time domain reflectometer is a new generation of portable and intelligent measuring instrument designed by AVES Communication Technology for testing optical fiber communication system. Adopt 5.8 inch color touch screen, button/ touch dual operation; Internal integration of eight major functional modules, multi-functional integration to help customers effectively solve the field test and maintenance; The highest 45 dB dynamic range, can penetrate optical splitter, effective PON network testing; Intelligent power-saving management, 20 hours long standby, efficient protection of test dimension Continuous

Applications

It is mainly used to measure the length, loss and connection quality of all kinds of optical fibers and cables, and can be widely used in engineering construction, line maintenance and testing, emergency repair, and the development and production of optical fibers and cables.

Features

• High performance test

5.8 inch color TFTLCD display,
touch/ key dual operation
Dynamic range:. 35/33dB
Less than 0.8 meters ultra

short event blind area
testing optical fiber jumper freely..
Link optical nondestructive testing
Signal optical detection function
(Effective protection of APD)

· Mutifunctional test - Standard configuration
OTDR.
Stable laser source
Visual red light fault location (VFL)
Optical power meter (OPM)

· Mutifuntional test - high configuration
Intelligent Optical Link Mapper [iOLM]
Optical fiber end face detection
Optical loss test
Fault location

· Convenient operation
One key automatic test
unique diagnostic function for test
Multi wavelength simultaneous testing function
Ethernet Remote control

· Convenient data processing
English and Chinese input function
Automatic data storage
SOR Batch processing
Remote upgrade function
IOT Cloud Platform soon

· High reliability
20h Super long standby
1.5 meter drop test
Waterproof and splash proof
Operating temperature -10℃~50℃

Technical specifications and ordering information

Product	NK6000 Series Multi-Function Optical Time Domain Reflectometer							
Model	S1	S2	S3	S4	T1	T2	M1	SM1
Fiber type	SM						MM	SM&MM
Wavelength(nm)	1310/1550				1310/1490/1550	1310/1550/1625	850/1300	850/1300/1310/1550
Maximum dynamic range(dB)	35/33	38/36	42/40	45/43	38/35/36	38/35/36	26/28	26/28/37/35
Event dead zone(m)	1	0.8	0.8	0.8	0.8	0.8	1	1
Attenuation dead zone(m)	6	6	6	6	6	6	6	6
Display	5.8 inch color LCD with touch screen				size: 227 mm *160 mm *70mm			
Measuring range	500m /l km /2 km /4 km /8 km /16 km /32 km /64 km /128 km /256km							
Measuring pulse width	5ns/ 10ns/ 5Ons/ 160ns/ 320ns/ 500ns/1000ns/ 5000ns/ 1000ns/ 2000ns							
Ranging accuracy	± (0.75m+ Sampling interval +0.005% x Test distance)							
Loss precision	±0.05dB							
Reflection accuracy	±3dB							
Data storage	≥2000							
Interface type	FC/ PC (Replaceable SC, ST)							
Communication interface	USB, mini-USB, 10M/100M Ethernet							
VFL output	≥5mW							