Product Data Sheet

Tool kit for working with optical fiber



Part Number: LAN-NT-TK/FIBER-2

Tool kit for working with optical fiber LAN-NT-TK/FIBER-2: specifications, description, purpose and use in structured cabling, data center and LANMASTER infrastructure projects.

Description

The kit is intended for installation work on optical cables. Using the tools included in the kit, you can cut a FO cable, strip fibers for fusion, cleave the fiber, measure the insertion loss of the fiber, clean the connectors, etc.

All items in the kit

	Description	Purpose
1	Optical power meter	To measure insertion loss
2	Fiber cleaver	For cleaving the fiber before fusion
3	Cassette cleaner	To clean the connectors
4	Alcohol container with a dispenser	For alcohol storage and fiber cleaning
5	Stripper for micromodules and 125 µm coating	To clean the fiber from the coating
6	900 µm tight buffer stripper	To clean the fiber from the buffer
7	Scissors	For cutting Kevlar yarn
8	Visual fault locator (VFL)	To locate fiber fault/bend sites
9	Quick clean tool 2.5	For cleaning 2.5 mm connectors
10	Quick clean tool 1.25	For cleaning 1.25 mm connectors

Optical power meter technical specifications

Parameter	Value
Working wavelength	850-980-1300-1310-1490-1550 nm

Sensor type	InGaAs
Measurement units	W, dBm
Measured power range	from -70 dBm to +2 dBm
Accuracy	0.02 dBm
Optical Connector	2.5 mm universal
Display type	LCD
Battery type	AAA, 3 pcs.
Battery life	200 hours
Display backlight	yes
Auto Off	10 min
Operating temperature	from -10 to +60°C
Storage temperature	from -25 to +70°C
Dimensions	180 x 80 x 35 mm
Weight	185 gr

VFL Technical Specifications

Parameter	Value
Wavelength	650±10nm
Output power, mW	10
Optical connector	universal 2.5 mm connector
Operating modes	Continuous, blink
Blink frequency, Hz	2~3
Operating temperature	-20°~+60°
Storage temperature	-40°~+85°
Battery type	Two AA batteries (not included)
Battery life	More than 20 hours
Length, mm	190
Diameter (at widest part), mm	25

Cleaver Technical Specifications

Parameter	Value
Fiber buffer diameter, µm	250, 900
Number of blade positions	16
Blade life	2000 cleave per position

Part Numbers

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