

**TFN**

## A NEW GENERATION OPTICAL FIBER TESTER

RECHARGEABLE RED PEN

15/20/30/50mW



Cal Fiber Visual Fault Location  
: SV/1A  
: SV/1A  
Output: SV/1A  
: SV/1A  
: SV/1A  
: SV/1A



CONTINUOUS  
PULSE WAVE



FAST LOCATING  
BREAKPOINT



LONG  
ENDURANCE



HIGH TRANSPARENT  
RED LIGHT SOURCE



PORTABLE  
POWER BANK



LED LIGHTING

# BE COMPETENT IN MANY FIELDS

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OPTICAL FIBER ENGINEERING CONSTRUCTION, OPTICAL FIBER NETWORK MAINTENANCE,  
OPTICAL DEVICE PRODUCTION AND RESEARCH



# 1

## **15/20/30/50MW OPTIONAL STRONG PENETRATION, EASY TO CHECK ON AND OFF**

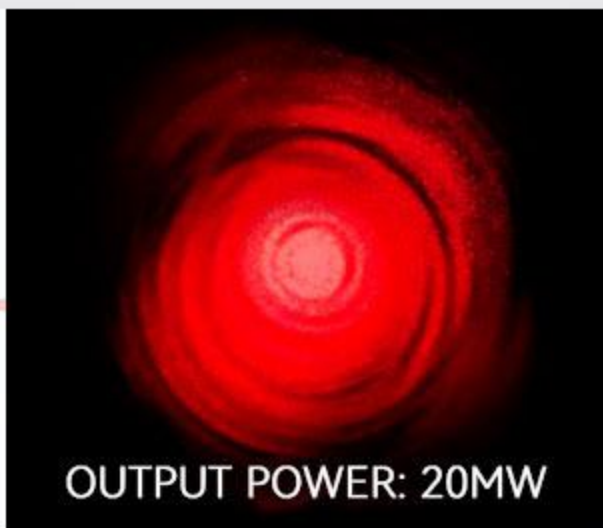
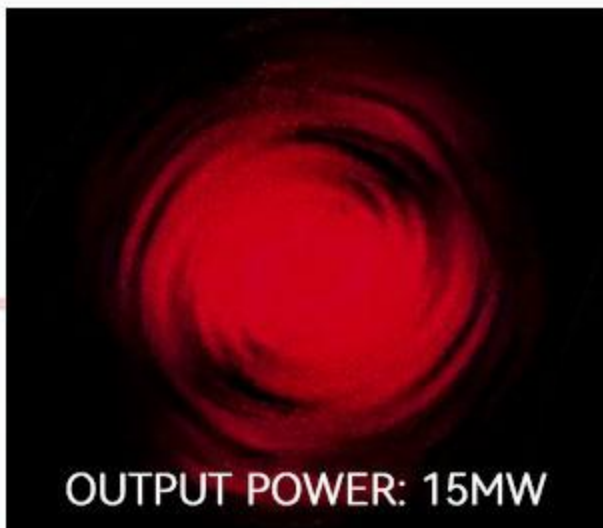
TFN ADOPTS HIGH-QUALITY EXCITATION HEADLESS, RED PASSIVE STRONG AND HIGH PERMEABILITY, WHICH CAN EASILY PENETRATE LONG-DISTANCE OPTICAL FIBERS AND QUICKLY DETECT THE CONNECTIVITY OF OPTICAL FIBERS, WITH STABLE AND STRONG PERFORMANCE. FOUR LAUNCH DISTANCES CAN BE SELECTED TO EASILY MEET THE NEEDS OF VARIOUS FIELDS.





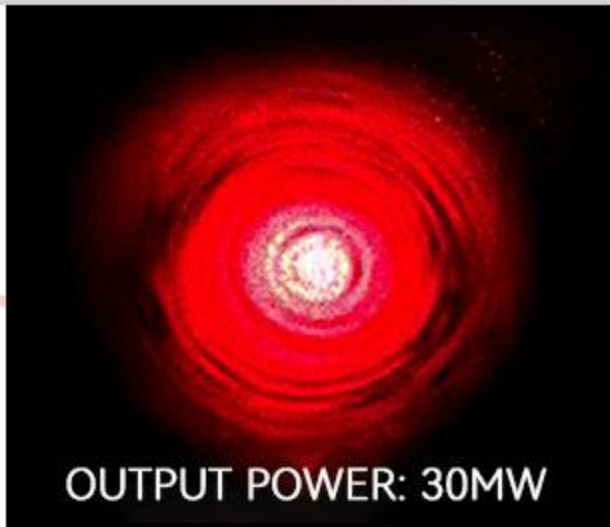
# MEASURED, HIGH POWER

POWER COMPARISON OF EACH MODEL, A PICTURE SECOND UNDERSTAND!





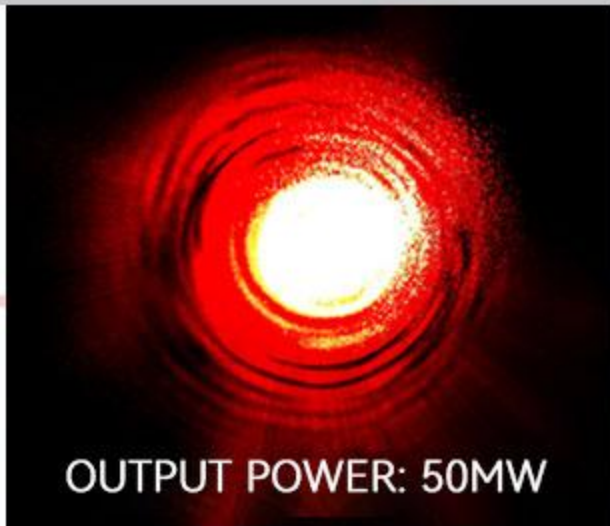
MODEL: DL30M



OUTPUT POWER: 30MW



MODEL: DL50M



OUTPUT POWER: 50MW

# 2

## 2.5MM UNIVERSAL INTERFACE UNIVERSAL INTERFACE, NO TRANSFER REQUIRED

SUPPORTS FC, FC, AND ST FIBER PORTS TO MEET VARIOUS CONNECTOR REQUIREMENTS.



FC CONNECTOR



SC JOINT



ST JOINT



# 3

## LED LIGHTING FLASHLIGHT EASY TO HANDLE DARK ENVIRONMENTS AND EFFICIENT CONSTRUCTION

BOTH RED LIGHT PEN AND FLASHLIGHT, IN POOR LIGHTING ENVIRONMENT,  
LET YOU FIND MORE EFFICIENT!



HOLD DOWN THE BUTTON FOR 2 SECONDS  
TURN LIGHTS ON/OFF





4

## DELICATE AND SMALL ONE HAND TO HOLD, EASY TO OPERATE

CUSTOMIZED LANYARD, ANTI-DROP, ALUMINUM ALLOY SHELL, FOR YOU TO  
BRING COMFORTABLE GRIP

WEIGHT  
**200** g

LENGTH  
**148** mm



# 5

## 1800MAH LITHIUM BATTERY FULL POWER, LONGER BATTERY LIFE

BUILT-IN 1800MAH LARGE CAPACITY LITHIUM BATTERY, CAN BE RECYCLED  
DISCHARGE >1000 TIMES



1800MAH LITHIUM BATTERY



STRONG ENDURANCE

USB INTERFACE

PILOT LAMP

TYPE-C INDICATES THE  
EN OF THE INTERFACE



# 6

## USB REVERSE CHARGING IS SUPPORTED IT'S A RED LIGHT PEN AND A POWER BANK

IT CAN REVERSE CHARGE ELECTRONIC DEVICES SUCH AS MOBILE PHONES  
AND TABLETS, AND IS FULLY COMPATIBLE WITH USB

UNDER THE RED LIGHT OFF, PRESS THE  
BUTTON ONCE TO ACTIVATE THE  
BATTERY.



AFTER STARTING THE OUTPUT,  
PRESS THE KEY TWICE QUICKLY TO  
TURN OFF THE USB OUTPUT AND  
THE LED INDICATOR GOES OFF

# COMMODITY PARAMETER

OUTPUT POWER:	15mW	20mW	30mW	50mW
MEASURING LENGTH (TYPICAL VALUE):	15km	20km	30km	50km
OUTPUT MODE:	CW/1Hz/2Hz			
OUTPUT WAVELENGTH:	650±20NM			
LED:	TWO PIECES			
POWER SUPPLY:	7V18650 BATTERY (1800MAH)			
OPTICAL CONNECTOR:	FC, SC, AND ST PORTS			
FIBER TYPE:	SINGLE MODE/MULTI-MODE			
STORAGE TEMPERATURE:	-40°C~+70°C			
WORKING TEMPERATURE:	-10°C~+50°C			
PRODUCT SIZE:	148mmx29mmx29mm			
PRODUCT WEIGHT:	ABOUT 200G			

NOTE: DUE TO THE ACTUAL FIBER QUALITY, THE TEST LENGTH MAY VARY.

## SWITCH KNOB



### RED LIGHT ON

TURN ON THE RED LIGHT BY GENTLY TURNING THE SWITCH KNOB AND PRESSING DOWN TO THE BOTTOM



### RED LIGHT OFF

PUSH THE SWITCH KNOB UPWARDS AND GENTLY TURN IT TO THE BUCKLE TO TURN OFF THE RED LIGHT

## KEY

LONG PRESS THE BUTTON FOR 2 SECONDS TO TURN THE FLASHLIGHT ON OR OFF

### SWITCHING MODE

IN THE OPEN STATE, PRESS THE KEY TO SWITCH THE CW/1HZ/2HZ OUTPUT MODE



# PRODUCT DISPLAY





# PRODUCT LIST



PACKAGING BOX ×1   RED LIGHT PEN ×1   USB CHARGING CABLE X 1   LANYARD X 1