

## BRUMIL 810 – Tactical Cable Measuring Case

The ideally customized Tactical Cable Measuring Case performs critical tasks for maintaining tactical fiber-optic networks in operations by testing existing cable sets and localizing damages to patch cords, adapting cables etc.

### Application:

- Checking/testing tactical fiber-optic networks or part of it, e.g. cable assemblies with military lens connectors, adapting cables etc.
- Measurement of the cable assemblies before and after an operation
  - ensures to initiate the next mission successful
  - limits faulty connections to a minimum
  - keeps the cable assemblies ready for operation
- Localizing the failure of a fiber-optic cable to repairing immediately with the Emergency Field Repair Case or the Fusion Splice Case
- An optimum of reliable cable assemblies are available for the next operation

### Advantages Optical Time-Domain Reflectometer (OTDR):

- Compact and highly integrated results in lightweight, compact and flexible design
- Simple optical fault locator
- Advanced Optical Time Domain Reflectometer OTDR
- On board “Connection Checker” (optional VFL, power meter, continuous wave light source and video inspection probe, keyboard and mouse)
- Programmable macros for measuring fixed fiber/cable lengths
- Simple one-button operation provides full OTDR functionality
- Internal memory for 1000 test results
- High visibility TFT color display 8.4 “

### Construction:

- Hard cover case IP 64
- Compact OTDR measuring device with power cord, USB connection cable, AC/DC power supply
- Connector panel adapted to customer’s requirement and application
- Special adapting cables, if needed
- Cleaning cube with 200 tissues
- Elix clean with isopropyl alcohol

### Optional Accessories and Service offered:

- Training for deployment, repair and cable testing in the field and in the workshop
- Emergency Field Repair Kit for mechanical splice in the field
- Tactical Cable Repair Kit for fusion splice in the workshop
- Solution engineering and system design



### Optical:

- Measuring single or multimode fibers
- Wavelengths 850, 1310 and 1550 nm

### Power Supply for OTDR:

- Input: 100-240VAC 50-60 Hz
- Output: 19 V DC 3.1 A
- Battery life time: up to 11 hours with standard display

### Temperature range:

- Operation: -20°...+50° C
- Storage: -20°...+60° C
- Humidity: 95%, non condensing

### Dimensions

- Size l/w/h: 650 x 510 x 242 mm
- Weight: approx. 15 kg