

CLR-OVA-60FC

Fiber Optic Variable
Attenuator 1260~1650nm,
2.5~60dB, FC



Overview

CLR-OVA-60FC is used for continuously variable optical signal attenuation. As the attenuator is used in the laser system for the on-line testing, therefore, CLR-OVA-60FC can be used in the digital system of communication devices (such as: PHD, SDH, DWDM) and also in the system of adopting analog modulation (CATV)

Features

- Attenuates with steps of 0.05dB by circumgyrated dialing
- Provides the function of displaying the attenuating value as dB and dBm
- 10 minutes Auto-off function which can be activated and deactivated with keypad operation.
- After turning off the instruments, the system will have the memorizing of the attenuating value and the attenuating step, in order to restore the system back to the previous shut down state when turning the instruments on next time
- Portable, rugged, lightweight; Easy to use.

Specifications

General

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|-------------------------------|---|
| Attenuating wavelength Range | - 1260~1650nm |
| Fiber Model | - 9/125um SM |
| Optical Connector | - FC/PC |
| Calibrated wavelengths | - 1310/1490/1550/1625nm |
| Measurement Range | - 2.5~60dB |
| Resolution | - 0.05dB |
| Insertion Loss | - < 2.5dB |
| Linearity | - ±0.5dB |
| Repeating | - ±0.2dB |
| Attenuating Accuracy | - ±0.8dB |
| Return Loss at Input / Output | - > 35dB (typical value 40dB) |
| Max input | - + 27dBm |
| Displaying type | - lattice 128*64 black and white, white back ground light |

Environmental

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|------------------------|-----------------------------|
| Rechargeable batteries | - 8.4V |
| Power supply adaptor | - 8.4V |
| Operation temperature | - 0~40°C |
| Operation Time | - 40 hours |
| Storage temperature | - -10~60°C |
| Humidity | - 0~85% (non- condensation) |
| Dimensions | - 180 X 90 X 36.5mm |
| Weight | - 427g |