

# Optical Variable Attenuator (VTC-670)

## Features

- Have low insertion loss and wide attenuator range
- Reliable bi-directional attenuator
- Can offer different attenuation step: 0.1 dB, 1.0 dB, 10.0 dB
- Can save 10 tracks attenuation value
- Can save current value as reference
- Keep the value when shut down
- Auto power off if battery low
- Energy save mode: about 10 minutes no operation will cause the device automatic power off (can be cancelled);



## Main Characteristic

Model No;	VTC670
Wavelength	1260 ~ 1650 nm
Calibrated Wavelengths	1310nm / 1490nm / 1550nm
Fiber Mode	9/125um
Attenuating Mode	Digital, Bi-directional
Display Resolving Power	0.1 dB
Display	LCD, 128*64
Attenuating Range	0 ~ 60 dB (SM)
Max Input Power	+ 21 dBm
Return Loss*	> 40 dB
Insertion Loss*	< 2.5 dB
Optical Connector	FC/PC
Linearity*	± 0.5 dB
Repeatability*	± 0.2 dB
RS-232	Optional
Auto Power Off	No operation in 10 minutes (can be cancelled), Low battery energy
Battery Charge	Yes
Back Light	Yes
Operate Time	Above 20 hours
Storage Temperature	-20 -- +60 °C, 90%RH
Operating Temperature	-10 -- +50 °C, 90%RH
Power Supply	3 * AA batteries or AC/DC adapter
Size	190mm * 90mm * 40mm
Weight	About 450g

\* at 20 ± 3°C, CW, with FC connector, 1550nm