

Singlemode Attenuators

Optical attenuators are used in fibre communication networks to reduce the power level of the optical signal launched onto the photo detector. They can be used directly on patch cords, which in turn can be inserted into an adaptor. They are designed to operate on a wide range of wavelengths and give accurate attenuation and low return loss.

Our attenuators are available in LC, SC, FC UPC/APC, MU UPC and from 1dB to 30db in 1db increments.

Features

- Accurate attenuation
 - Low back reflection
 - Plug-in type
 - Broad wavelength band
 - Flat response over all wavelengths
 - Environmentally stable
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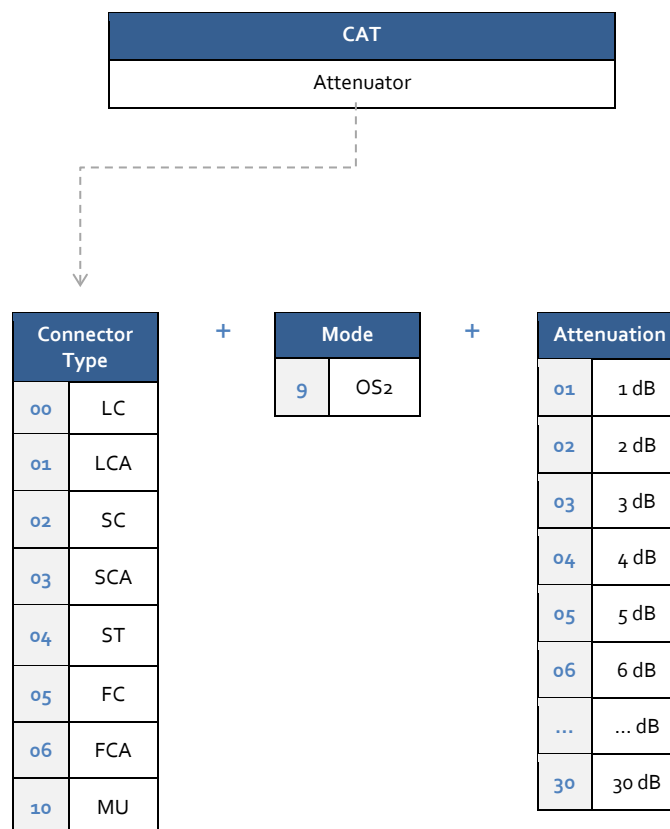
Applications

- Telecommunication networks
- FTTX
- Cable Television
- Local and Wide Area Networks
- Fibre optic sensors
- Test and Measurement

Specifications

| Parameter | |
|--------------------------------|--|
| Available Range of Attenuation | 1 to 30dB with 1dB increments |
| OperatingWavelength | 1310 and 1550nm (or single wavelength) |
| Operating Band Pass | Dual Window 1310 and 1550nm (±25nm) |
| Attenuators ≤10dB | ± 0.5 dB |
| Attenuators 11 to 30dB | ± 1dB |
| Reflectance | UPC = 50dB APC = 60dB |
| International Standard | Telcordia GR-910-CORE |

Ordering Information



Examples:

CAT-00-9-06 - Singlemode Attenuator LC/UPC 6 dB

CAT-06-9-03 - Singlemode Attenuator FC/APC 3 dB