

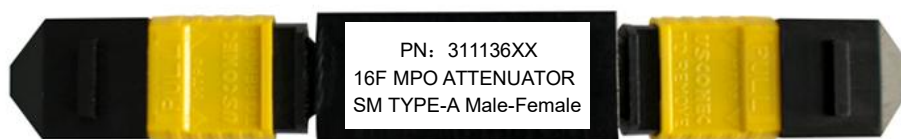
16C MPO Single-Mode Attenuator Specification

Description : VCHUNG's 16-fiber MPO single-mode attenuator (0-10dB) is a compact, high-performance solution for precise optical attenuation in testing environments. Featuring a male to female Type A polarity configuration, it ensures accurate and reliable signal loss simulation for optical transceiver validation. Its rugged, cable-free design offers exceptional portability and ease of use, making it ideal for bench testing and direct connection to equipment in data centers and telecom systems. The device provides consistent attenuation across all 16 channels, guaranteeing precise control over light power levels to thoroughly evaluate transceiver performance and link margin without the need for bulky fiber jumpers.

Description: 16-core MPO single-mode attenuator XXdB Type A male to female

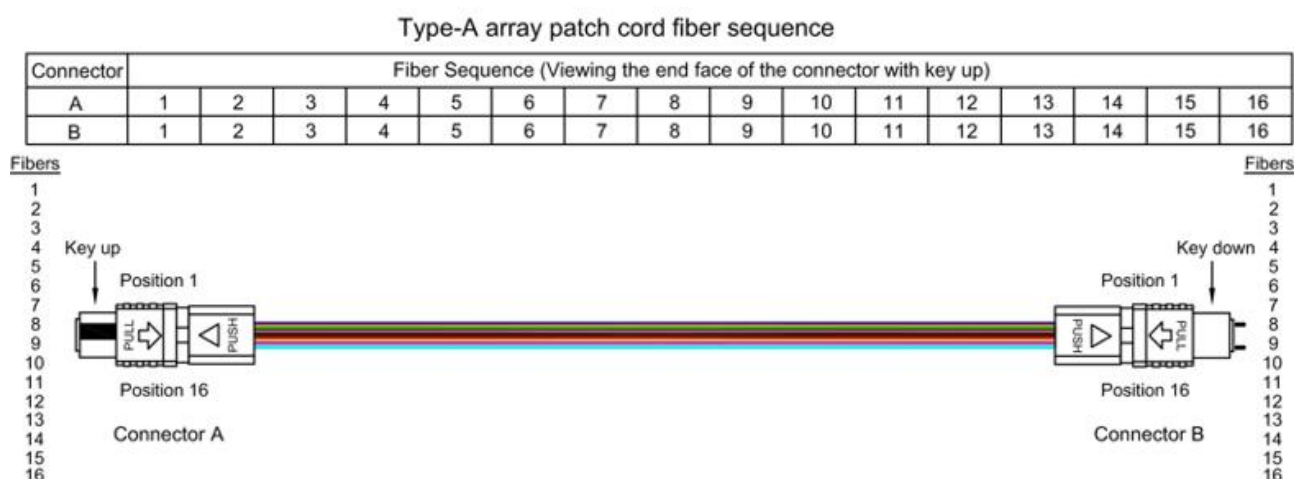
VCHUNG product code: 311136XX (XX represents the attenuation value. For example, if the attenuation value is 3dB, then XX is 03)

Product image (Size: 112x18x9mm)



The specification parameters are as follows

Polarity: Type-A (KEY UP TO KEY DOWN, for reference)



Optical fiber type: Single-mode optical fiber, 9/125um

Connection head type: 16-core female MPO/APC - male MPO/APC, end face complies with interference standard

Test wavelength: 1310nm

Return loss: MPO/APC ≥ 55 dB

Total attenuation value IL:

- ① $x \leq 1$ dB, total IL = $x \pm 0.5$ dB (x is the specified attenuation value)
- ② 2 dB < $x \leq 4$ dB, total IL = $x \pm 0.7$ dB (x is the specified attenuation value)
- ③ 5 dB $\leq x \leq 10$ dB, total IL = $x \pm 1$ dB (x is the specified attenuation value)

Storage temperature: -40 to +85°C

Packaging: One self-sealing bag for one product