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Optical Fiber Cable Abrasion Testing Machine GSM-100 Series

Product description:

1 Overview GSM-100SeriesOpticalFiberCableAbrasionTestingMachineisintendedto determine the ability of optical fiber cable withstand Abrasion Object The abrasion resistance of optical fiber cables has t



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PRODUCT DETAILS

PRODUCT VIDEO

1 Overview

GMS-100 Series Optical Fiber Cable Abrasion Testing Machine is intended to determine the ability of optical fiber cable withstand Abrasion

Object

The abrasion resistance of optical fiber cables has two aspects:
a) The ability of the sheath to resist abrasion;
b) The ability of cable markings to resist abrasion.
The purpose of this test is to determine the ability of an optical fiber cable sheath to resist abrasion. Abrasion testing of cable markings is method E2B.

Apparatus

The abrasion test rig consists of a device designed to abrade the surface of the cable in both directions parallel to the longitudinal axis of the cable over a length of 10 mm ± 1 mm at a frequency of 55 cycles/min ± 5 cycles/min. One cycle consists of one abrading edge movement in each direction.
The abrading edge shall be a steel needle with a diameter as specified in the detail specification.

2 Technical Parameters

1. Attrition stroke: 100mm;
2. Setting range of testing times: 1 ~ 9999;
3. Frequency: 55±5 times/min; 4. Poise: 10~100N
5. Power supply requirement: 3-phase 4-wire, 50Hz, 0.37KW;
6. Ambient temperature: 10℃ ~ 40℃.
7. Ambient humidity: less than 80% (Non-dewfall).

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