# 12 Fiber Female MT to FCA PM1310 Patch Cord Specifications

## 1 版本记录/Revision History

| 版本/Rev | 描述/Description | 编制/Authors | 审核/Audit | 批准/Approval | 日期/Date |
|---|---|---|---|---|---|
| V0 | 初版发行/New release | Nicole | Jean | Gavin | 2024-12-30 |
| | | | | | |

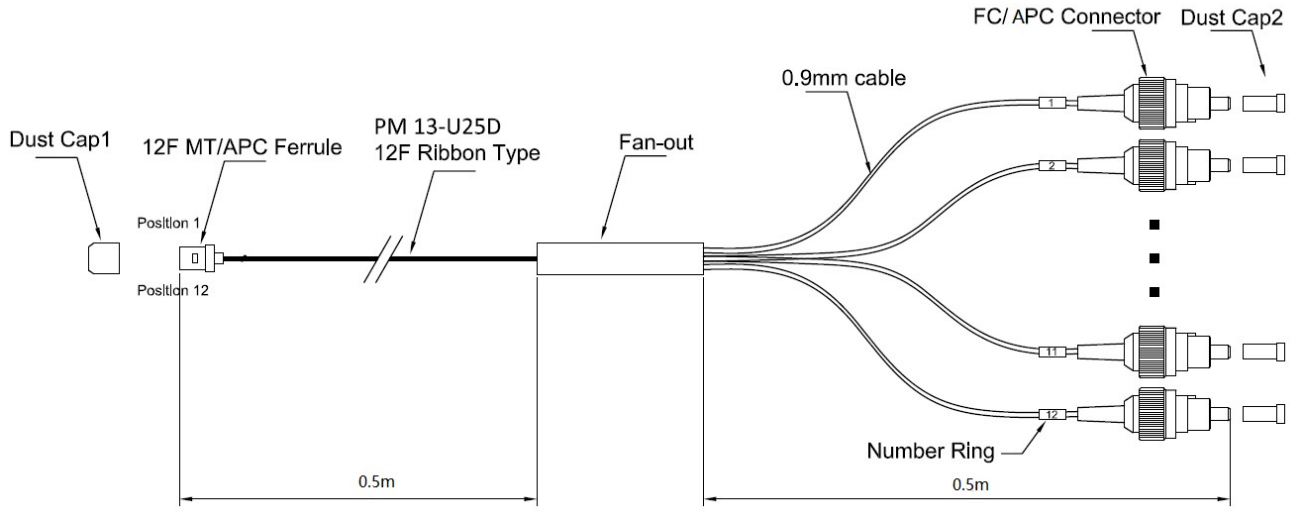
## 2 产品信息/Product Information

| 产品编码 Part Number | 产品描述 Product Description |
|---|---|
| **24101MFA** | **保偏光纤 PM1310 12 芯母头 MT/APC-FC/APC 低损 1 米** |

## 3 规格参数/ Performance Specifications

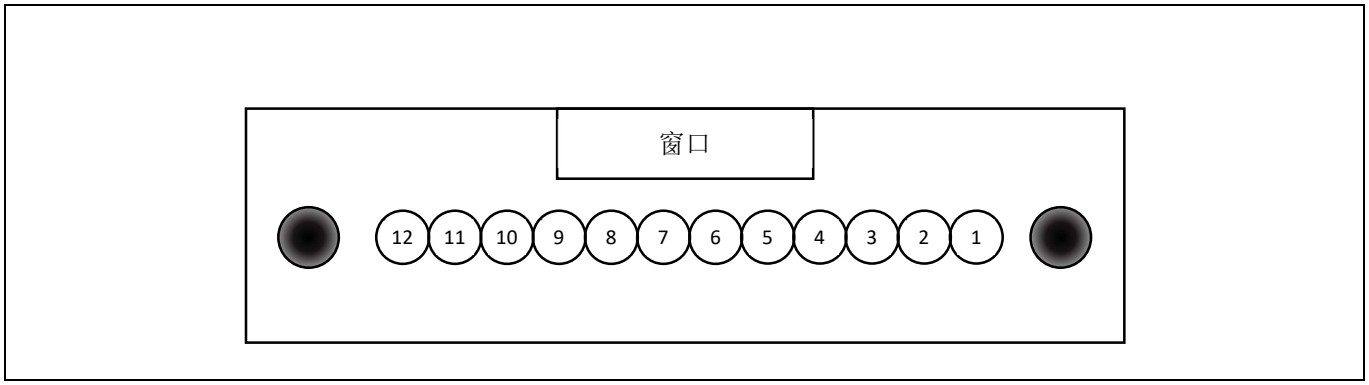
| 参 数/Parameters | 规 格/Specifications | | 单位/Units | 注释/Notes |
|---|---|---|---|---|
| 光纤芯数/<br>Total Fiber Number | 12 | | | 1. Comply with RoHS requirement. |
| 光纤类型/<br>Fiber Type | Corning PM 13-U25D | | | |
| 光缆类型<br>Cable Type | MT | Bare Fiber | | |
| | FC/APC | Φ0.9mm LSZH | | |
| 光缆颜色<br>Cable Type | MT | / | | |
| | FC/APC | white | | |
| 插入损耗/<br>Insertion Loss | MT | ≤0.35 | dB | |
| | FC/APC | ≤0.30 | | |
| 猫眼角度/<br>Angle Error | 0±3° | | | |
| Key 对准方式<br>Key Alignment | MT | 慢轴垂直 key/<br>Key vertical to Slow axis | | |
| | FC/APC | 慢轴对齐 key/<br>Key align to Slow axis | | |
| 回波损耗/<br>Return Loss | ≥55 | | dB | |
| 连接头类型/<br>Connector Type | MT | 12F Female MT/APC | | |
| | FC | FC/APC | | |
| 连接头颜色/<br>Connector Color | MT | / | | |
| | FC | Metal Housing, green boot | | |
| 工作温度/<br>Operating Temperature | -10 ~ +70 | | ℃ | |
| 储存温度/<br>Storage Temperature | -10 ~ +70 | | ℃ | |

## 4 尺寸示意图/Dimensions Diagram

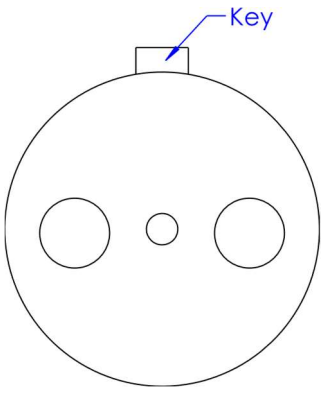
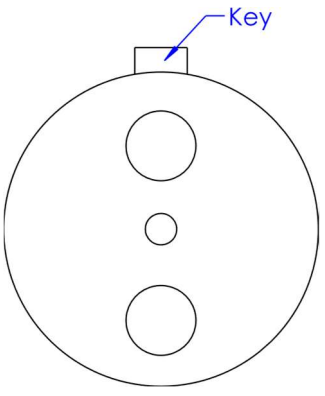



备注/Notes：

1. End face Visual Inspection Requirements: IEC 61300-3-35.
2. The polarity of MT-FCA is as follows:




## 5 Key 对准方式/Key alignment

| MT(0±3°) | FCA(0±3°) |
|---|---|
|  |  |




End