FPT Programmable Fibre Polarity Tester

Advantages

- Programmable Polarity Tester
- Intelligent Self-learning Sample Polarity
- Real Time Testing Result
- Compatible with SM and MM Fibre
- 2~24, 2~32, 2~72 Channels
- Platform/Modular Design
- No Physical Contact
- Vertical/Horizontal Working
- 20dB Dynamic Range
- 3.5" Touch Screen

Main Applications

- Polarity Testing for MPO and MTP
- Polarity Testing for Multi-Channel Optical Components
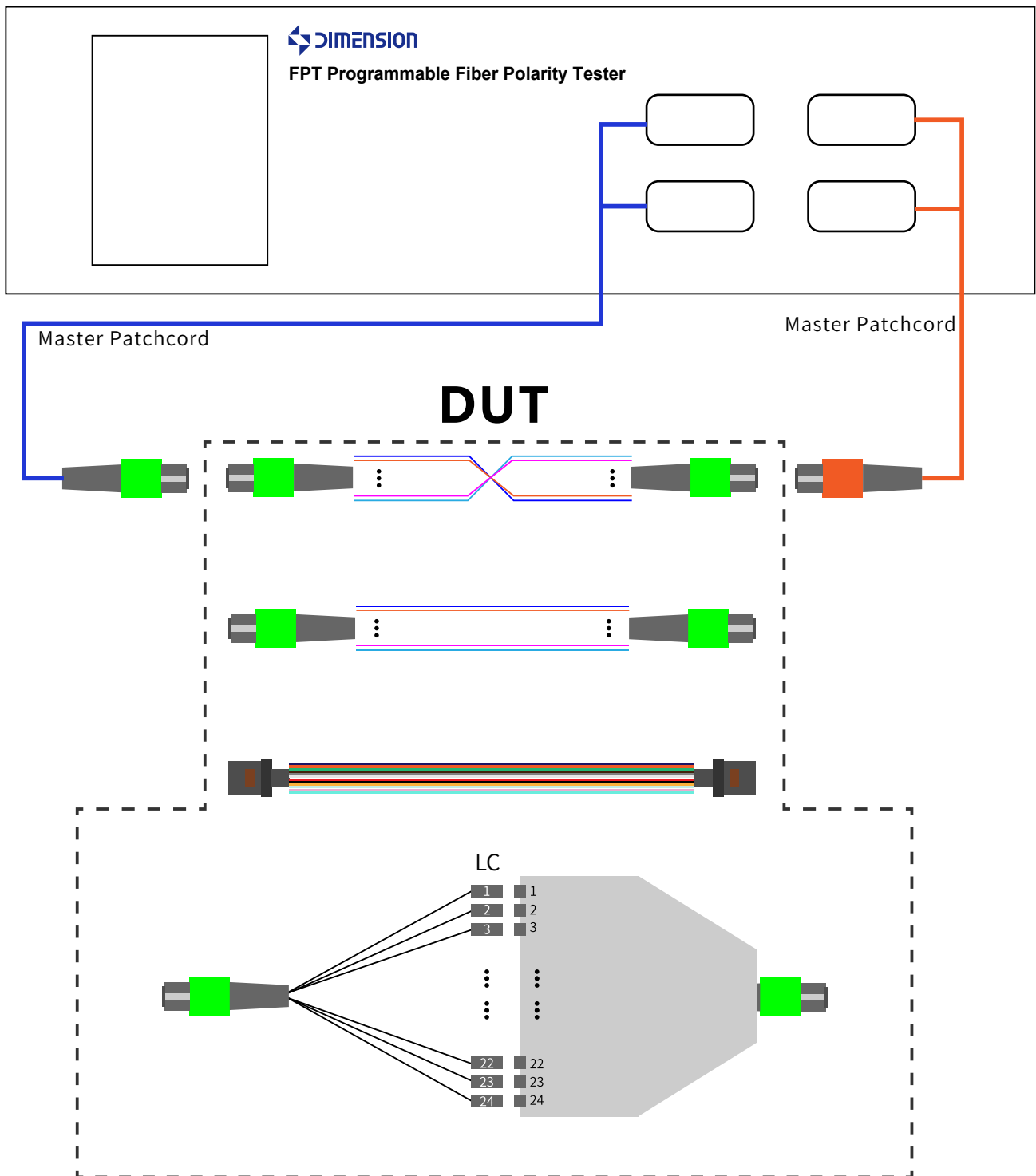- Polarity Testing for Fibre Optical Modules

Fibre Polarity Tester(FPT) is a programmable fibre polarity testing instrument. Quickly and accurately, FPT can measure the polarity for up to 72 channels passive fibre optical components. With modular design, Dimension FPT is flexible and extendable. Polarity channel account and mapping are configurable. The polarity mapping can also be acquired from existing samples.

◀ Programmable Polarity Testing Mapping

Customer can edit the polarity testing mapping conveniently. Based on the features of the products to be tested, customer can edit the specific polarity mapping and save it for future testing.

FPT Programmable Fiber Polarity Tester

Master Patchcord

Master Patchcord

DUT

LC

1	1
2	2
3	3
⋮	⋮
22	22
23	23
24	24

Intelligent Sample Learning Function

FPT can acquire the mapping setting from the existing product directly, then generates the same mapping configuration as the sample.

Real Time Testing Result

It costs only 50ms for FPT to complete whole testing and result displaying. No action is needed to trigger the testing.

Compatible with SM and MM fibre

FPT is compatible with Single mode and Multi-mode fibres, applicable for various applications.

2~24, 2~32, 2~72 Mapping

FPT offers three individual modules to measure 2~24, 2~32 ,2-72channels.
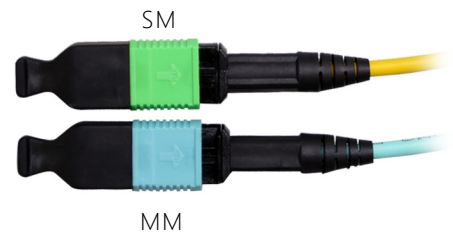
Platform and Modular Design

Replace different modules for different testing functions.

No Physical Contact

Protect FPT and testing devices from damage. Applicable for UPC and APC connector.

| Task | MT24/Straight ∨ |

1	1		13	13
2	2		14	14
3	3		15	15
4	4		16	17
5	5		17	16
6	6		18	18
7	7		19	19
8	8		20	20
9	9		21	21
10	10		22	22
11	11		23	23
12	12		24	24

| Inf | ∧ | ∨ | Set |

SM

MM

◀ Support Vertical and Horizontal Working

Customer can place the FPT vertically or horizontally, based on the available space and working habit.

◀ 20dB Dynamic Range

FPT has 20dB dynamic power range. It's capable for high attenuation testing.

◀ Technical Specification

Products	FPT1024A	FPT1032A	FPT1072A
Channels	2～24	2～32	2～72
Fibre Modes	SM、MM		
Optical (Output)	2*MT12	2*MT16	6*MT12
Optical (Input）	2*MT12	2*MT16	6*MT12
Testing Time	<0.05S	<0.1S	
Sensitivity	>20dB		
Communication	USB2.0, Ethernet		
Working Temp	10℃～40℃		
Storage Temp	-40℃～70℃		
Power	90～260V AC		
Size	359mm×274mm×115mm		
Weight	4.05kg		

◀ Order Info

Model	Channels
FPT1024A	2～24
FPT1032A	2～32
FPT1072A	2～72

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