

## Water-proof Fiber Optic Patch Cord/ Pigtail



### Description:

Water-proof fiber optic patch cable, which use single-core cable as basic component. It is twisted around the non-metallic central strength member in clockwise direction, water-block yarns out side steel or aluminum tape used as armored layer and proper material jacket. This kind of cable is usually used as pigtail or patch cable in interconnect line of equipment, and used as interconnect line in different building.

### Features:

- + 2, 4, 6, 8 and 12 fibers count available.
- + Pre-terminated connectors mate to adapters located inside enclosure.
- + A rugged water-proof fitting is supplied standard with each service cable.
- + Assemblies are made with central loose tube dielectric or armored cable with 3.0mm, 2.0mm or 900mic protect tubing. DYS's service cables are available in 2~12 fibers version and all standard connector type.

### Applications:

- + Telecommunication
- + Long haul networks
- + CATV networks
- + Building interconnection.

**Specifications:**

Type	Standard,Master
<b>Style</b>	LC, SC, ST, FC, MU, DIN, D4, MPO, SC/APC, FC/APC, LC/APC, MU/APC, E2000, E2000/APC, ... Duplex MTRJ/Female, MTRJ/Male
<b>Fiber Type</b>	9/125 SMF-28 or equivalent (Singlemode) OS1 50/125, 62.5/125 (Multimode) OM2&OM1 50/125, 10G (Multimode) OM3
<b>Cable Type</b>	Simplex, Duplex (Zipcord) Φ3.0mm, Φ2.0mm, Φ1.8mm Φ1.6mm PVC or LSZH Φ0.9mm, Φ0.6mm buffered fiber PVC or LSZH
<b>Polishing Manner</b>	UPC,SPC,APC (8°& 6°)
<b>Insertion Loss</b>	≤ 0.1dB (For Singlemode Master) ≤ 0.3dB (For Singlemode Standard) ≤ 0.3dB (For Multimode) Tested by JDS RM 3750
<b>Return Loss</b> (For Singlemode)	UPC ≥ 50dB SPC ≥ 55dB APC ≥ 60dB (typ.65dB) Tested by JDS RM3750
<b>Repeatability</b>	±0.1dB
<b>Operating temperature</b>	-40°C to 85°C
<b>Geometry Requirement</b> (For Singlemode)	Ferrule Endface Radius 7mm ≤ R ≤ 12mm (For APC) 10mm ≤ R ≤ 25mm (For Standard) Apex Offset ≤ 30 μm (For Master) Apex Offset ≤ 50 μm (For Standard) Undercut -50nm ≤ U ≤ 50nm Tested by DORC ZX-1

## DYSFO

ShenZhen DYS Fiber optic Technology Co.,Ltd

Tel: 86-0755-29518585, 29650336 Fax : 86-0755-29510505 PC/ZIP: 518133

Add: 2/F, 7 Building, Tangtou Industrial Zone 3rd, Shiyan Town, BaoAn District, Shenzhen, P.R China

