

## MPO Optical Patch-cord

### Introduction

MPO fiber optical patchcord which are highly demanded in fiber optical communication systems with high density optical fiber. KOC's MPO product comes in many types such as distribution and ribbon type. It can be split into 2 to 24 core 0.9mm or 2.0mm fiber branch through a splitter(round or square). The connector type and the length of fiber patchcord can be decided by customers. Our product conforms to Telcordia GR-326.IEC and RoHS standards.

### Features

- Low insertion loss and back reflection loss
- Good exchangeability
- Good Durability
- High temperature stability
- Standard: Telcordia GR-1435-CORE compliant

### Applications

- CATV , and Multimedia
- Telecommunication networks
- Active device interface
- Telecommunication networks
- Gigabit Ethernet
- Data processing networks
- Interconnection for O/E modules
- Premise installations
- Optical switch interframe connection
- Asynchronous Transmission Mode (ATM)



### Specification

Item	Single mode		Multimode	
	Standard	Low loss	Standard	Low loss
Insertion Loss	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB	≤0.75dB, typical≤0.5dB	≤0.35dB, typical≤0.2dB
Return Loss	≥60dB (APC)		≥30dB (PC)	
Repeatability	≤0.1dB			
Durability	≤0.2 dB typical change, 500 matings			
Interchangeability	≤0.2dB			
Tensile strength	>70N			
Operating Temperature	-40 ~ 85°C			