

# MPO to LC Breakout Cable



MPO to LC Breakout cabling system is ideally suited for high density environment that demands space saving cable density and innovative cable management solutions. MPO connectors have realized multiple fiber connexions within a conventional cable, this advantage allows data center designers to deploy ten or twenty times of fiber counts in same storage. Simply install the MPO trunk cable within the building and connect to rear of a MPO Patch Panel or fan out.

## Features

- Conformance to Telcordia GR-1435 Core, ANSI/TIA-568.3-D, ANSI/TIA 604-5, IEC 61754-7
- High precision guide pins for exact alignment
- Plug and Play
- High Density interconnect with 8F, 12F options
- Removable housing for quick change of pin clamps and easy ferrule cleaning/re-polishing
- Single-Mode and Multi-Mode color coded housings
- Alignment achieved with high precision guide pins
- Push/Pull mating for quick assembly
- Covered under 3C3<sup>®</sup> Performance Warranty

## Technical Specifications

Type	Wavelength	I.L Type	I.L Max	R.L Min
MPO /PC (MM)	850nm/1300nm	0.25dB	0.35dB	≥30dB
MPO/PC (SM)	1310nm/1550nm	0.25dB	0.35dB	≥50dB
LC/PC (MM)	850nm/1300nm	0.20dB	0.35dB	≥30dB
LC/PC (SM)	1310nm/1550nm	0.20dB	0.35dB	≥50dB
MPO Cable diameter			: 3mm	
Breakout Cable diameter			: 2mm	
Durability			: ≥500times	
Insert Pull Test			: 1000times <0.5dB	
Interchange			: < 0.5dB	
Anti-Tensile Force			: 15kgF	
Operating Temperature			: -40 to +85 degree Celsius	

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**Note:**

- Fiber type available in SM (G652D, G657A1, G657A2), MM (OM1, OM2, OM3, OM4)
- Optional Polarity and Gender changeable connectors are available.
- Standard breakout length 24inch (Customized options are available)

## Ordering Information

**Product Code**  
67CDE-XXXX

**Description**

MPO Breakout Cable

C : (0-OS2, 1-OM3, 2-OM4)

D : (2- MPOF - LC Duplex, 4- MPOF - LC Uniboot Duplex )  
(6- MPOM - LC Uniboot Duplex, 7 - MPOM - LC Duplex)

E : Breakout Fiber( 0-8F 1- 12F)

XXXX – Length in Decimeter ( 0010-1M ~9990-999M)