

# J-MP MPO PATCHCORDS

## Features:

- High Density
- Compact size
- Push/pull mating for quick installation
- Environmentally stable

## Applications:

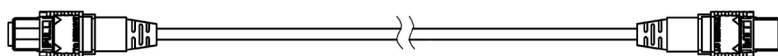
- Telecommunications
- Local area network
- Fiber to the home
- Testing instruments



## Performance Specifications:

| ITEM                       | MPO Patchcords           |                          |                          |                          |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Cord type                  | 12 Cord                  |                          | 24 Cord                  |                          |
| Mode type                  | Singlemode               | Multimode                | Singlemode               | Multimode                |
| Typical Insertion Loss, dB | 0.50                     | 0.50                     | 0.75                     | 0.75                     |
| Max. Insertion Loss, dB    | 0.75                     | 0.70                     | 1                        | 1                        |
| Min. Backreflection, dB    | 50(flat),60(Angle)       | —                        | 50(flat),60(Angle)       | —                        |
| Repeatability, dB $\Delta$ | $\leq 0.3$ (500 matings) | $\leq 0.2$ (500 matings) | $\leq 0.3$ (500 matings) | $\leq 0.2$ (500 matings) |
| Operating Temperature, °C  | -20 ~ +70                |                          |                          |                          |

## Wiring Type Configurations:



| Straight (Type A) |       | Total flipped (Type B) |       | Pair flipped (Type C) |       |
|-------------------|-------|------------------------|-------|-----------------------|-------|
| Fiber             | Fiber | Fiber                  | Fiber | Fiber                 | Fiber |
| 1                 | 1     | 1                      | 12    | 1                     | 2     |
| 2                 | 2     | 2                      | 11    | 2                     | 1     |
| 3                 | 3     | 3                      | 10    | 3                     | 4     |
| 4                 | 4     | 4                      | 9     | 4                     | 3     |
| 5                 | 5     | 5                      | 8     | 5                     | 6     |
| 6                 | 6     | 6                      | 7     | 6                     | 5     |
| 7                 | 7     | 7                      | 6     | 7                     | 8     |
| 8                 | 8     | 8                      | 5     | 8                     | 7     |
| 9                 | 9     | 9                      | 4     | 9                     | 10    |
| 10                | 10    | 10                     | 3     | 10                    | 9     |
| 11                | 11    | 11                     | 2     | 11                    | 12    |
| 12                | 12    | 12                     | 1     | 12                    | 11    |

# MPO PATCHCORDS

## Ordering Information:

J - MP -  -  -  0  -  -  -  -  /

### Fiber Count

|    |         |
|----|---------|
| 04 | 4 cord  |
| 08 | 8 cord  |
| 12 | 12 cord |
| 24 | 24 cord |

### Wiring Type

|   |                     |
|---|---------------------|
| A | Straight (standard) |
| B | Total flipped       |
| C | Pair flipped        |

### Fiber Type

|   |                        |
|---|------------------------|
| A | Singlemode fiber       |
| J | G.657. A1 fiber        |
| L | G.657. A2 fiber        |
| M | G.657. B2 fiber        |
| N | G.657. B3 fiber        |
| I | Singlemode G.655 fiber |
| C | 50/125μm               |
| D | 62.5/125μm             |
| F | 50/125μm OM2           |
| G | 50/125μm OM3           |
| H | 50/125μm OM4           |

### Ribbon Cable Type

|    |                 |
|----|-----------------|
| BO | Bare Fiber      |
| RO | Round Cord      |
| VO | Oval Cord, flat |

### Cable Type(Fan-out section)

|   |                        |   |                        |
|---|------------------------|---|------------------------|
| C | coated fiber (250μm)   | N | no fanout              |
| L | 0.9mm loose tube cable | F | LSZH cable 2.0mm       |
| O | 2.0mm PVC cable        | I | LSZH cable 3.0mm       |
| Q | 3.0mmPVC cable         | X | Others, please specify |

### Fiber Length (Include Fanout Length)

|      |                        |
|------|------------------------|
| 0001 | 1 m                    |
| 0002 | 2 m                    |
| 0010 | 10 m                   |
| 0015 | 15 m                   |
| X050 | 50 cm                  |
| XXXX | Others, please specify |

### Configuration

|    |           |
|----|-----------|
| SG | Pigtail   |
| DB | Patchcord |

### Fan Out Cable Length

|     |       |     |           |
|-----|-------|-----|-----------|
| X30 | 30 cm | 000 | no fanout |
| X50 | 50 cm | XXX | Others    |
| 001 | 1 m   |     |           |

### Connector Type (MPO/ fanout or MPO)

|    |                                 |    |             |    |             |
|----|---------------------------------|----|-------------|----|-------------|
| M0 | Male type, flat polish, MPO     | SC | SC type     | LC | LC type     |
| M8 | Male type, 8° APC angled, MPO   | AS | SC/APC type | AL | LC/APC type |
| F0 | Female type, flat polish, MPO   | FC | FC type     | MU | MU type     |
| F8 | Female type, 8° APC angled, MPO | AP | FC/APC      | NC | None        |
| XX | Others, please specify          |    |             |    |             |