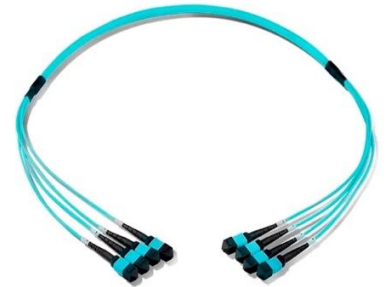


## **MTP® MPO Trunk Cable**

**P/N: FX-IPC-MTP/MPO-12F/24F/48F/96F/144F**



MTP® and MPO trunk cables are designed for high density cabling in data centers and other high density fiber environments, for cost effective and space-saving advantage.

### **Feature**

1. Original SENKO MPO, NISSIN MPO, US Conec MTP® connectors
2. Bend insensitive fiber
3. Flame-retardant Jacket
4. 100% optical testing before delivery
5. MTP® and MPO are compatible to installed together

### **Standard Compliance**

1. Compliant with TIA/EIA
2. Compliant with RoHS
3. Compliant with latest IEC standard

## Application

1. Data center
2. FTTX
3. 40G/100G optical transceiver link

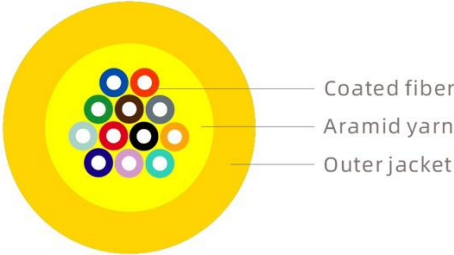

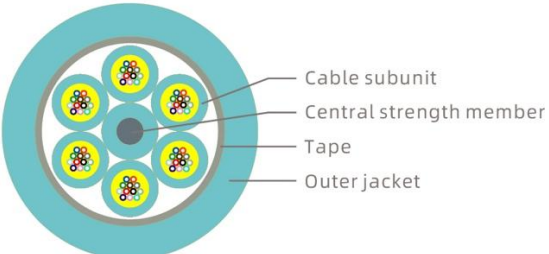
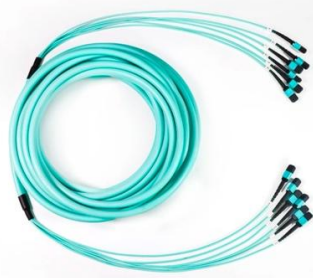
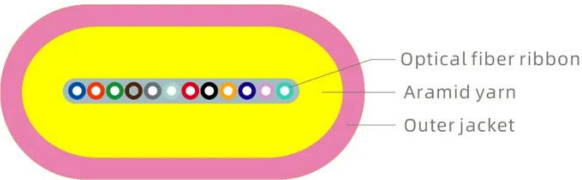

## General Specification

Item	Parameter
Fiber Count	4 – 144 fibers
Fiber Mode	Single mode: 9/125um, OS2 G652D G657 Multimode: 50/125um, OM2, OM3, OM4, OM5, 62.5/125um, OM1
Fiber Grade	Single mode: OS2, ITU-T G.652D., ITU-T G.657 Multimode: ITU-T G.651, OM2, OM3, OM4, OM5, OM1
Flame Retardant	Riser (OFNR), Plenum (OFNP)
Jacket Material	PVC, LSZH, TPU
Jacket Color	OS2 G657: Yellow OM1/OM2 Orange, OM3 Aqua, OM4 Magenta, OM5 Lime Green
Polarity	Type A, Type B, Type C
MT Ferrule	12F, 16F, 24F, 32F
Connector Gender	Male, female
Connector Color	Yellow, Green, Aqua, Magenta
Operating Temperature	-20 °C ~ +70 °C
Storage Temperature	-40 °C ~ +85 °C

## Optical Performance

Item		Single Mode	Multimode
IL (dB)	Standard Loss	$\leq 0.75$ (Typical $\leq 0.40$ )	$\leq 0.60$ (Typical $\leq 0.35$ )
	Low Loss	$\leq 0.35$ (Typical $\leq 0.25$ )	$\leq 0.35$ (Typical $\leq 0.20$ )
RL (dB)		PC $\geq 50$ , APC $\geq 60$	PC $\geq 20$ , APC $\geq 40$

## Typical Cable Options

Mini Round Cable	4~24 fibers	 <p>Coated fiber Aramid yarn Outer jacket</p>	
Mini Round Cable	24~144 fibers	 <p>Cable subunit Central strength member Tape Outer jacket</p>	
Ribbon Cable	4~24 fibers	 <p>Optical fiber ribbon Aramid yarn Outer jacket</p>	

## Packaging Option

