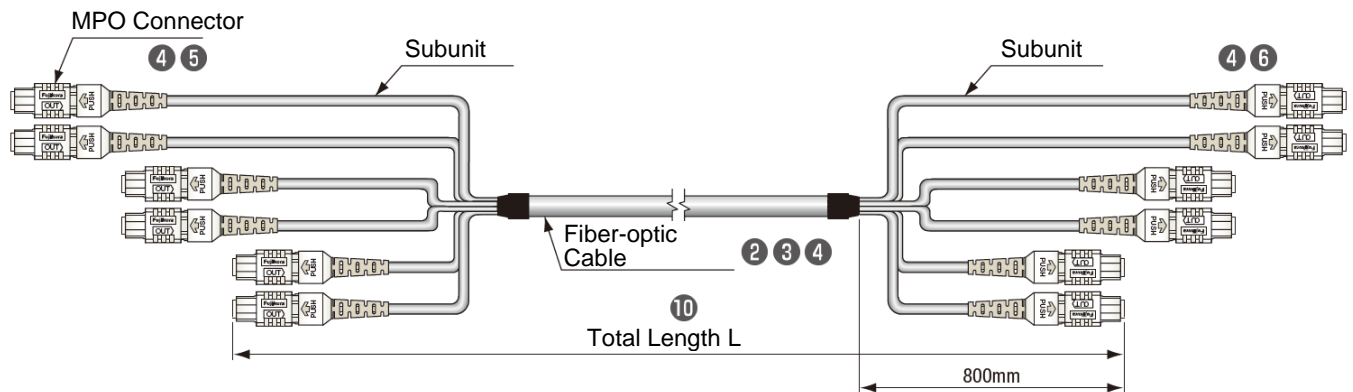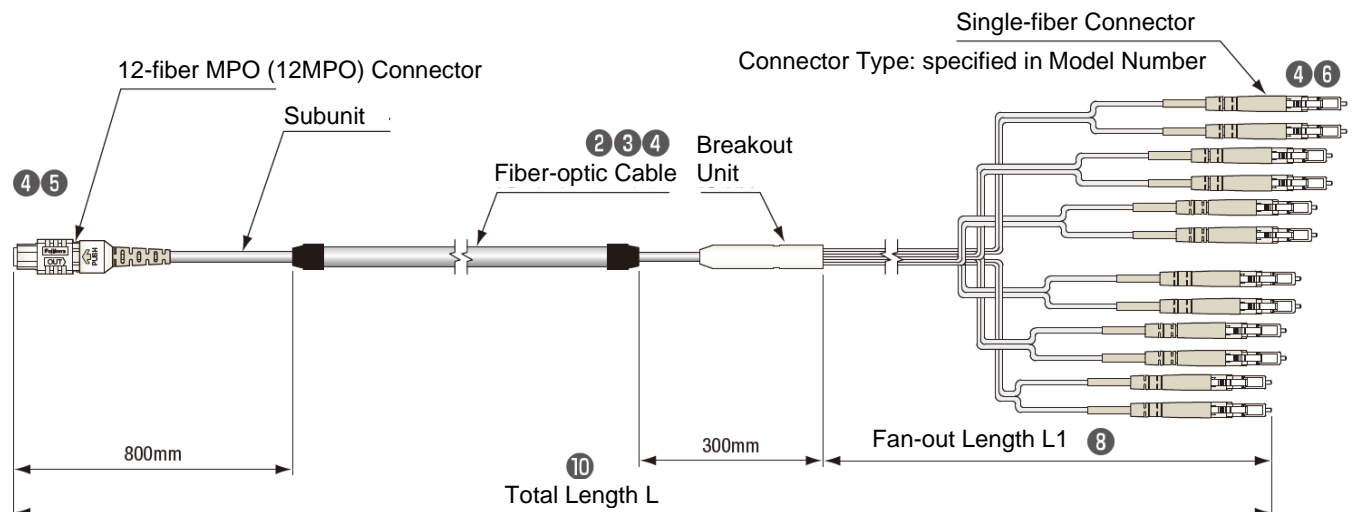# Trunk Cable

Features

- Efficient trunk cable solutions
- Data center connectivity: Trunk cables are ideal for connecting racks and rooms within data centers.
- Pre-installed connectors: Delivered with MPO and simplex connectors installed for ready-to-use convenience.
- Flexible packaging options: Available with tow-ends and reel packaging to suit various installation environments.
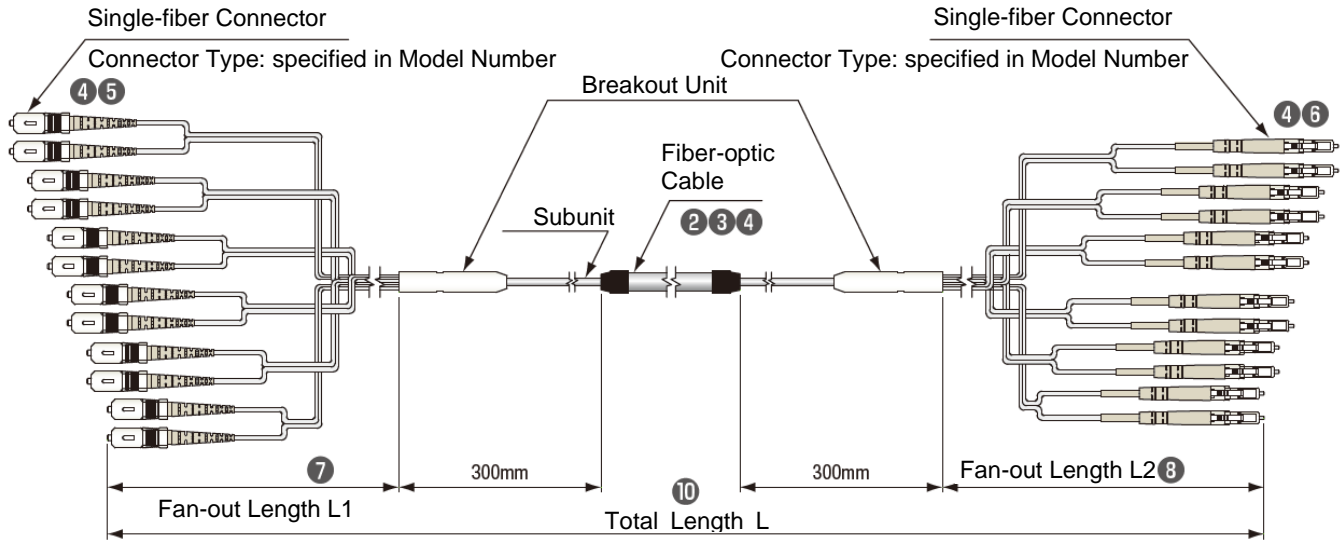
MPO – MPO

MPO – Single-fiber Connector (Fan-out)

Single-fiber Connector (Fan-out) – Single-fiber Connector (Fan-out)

Single-fiber Connector
Connector Type: specified in Model Number
❹❺

Single-fiber Connector
Connector Type: specified in Model Number
❹❻

Breakout Unit

Fiber-optic Cable
❷❸❹

Subunit

❼ Fan-out Length L1

300mm

❿ Total Length L

300mm

Fan-out Length L2 ❽

Model Number : FJ-■-■■■   ■ ■■■-■■ ■ M ■■■ ■
❶ ❷ ❸ ❹ ❺ ❻ ❼❽❾ ❿ ⓫

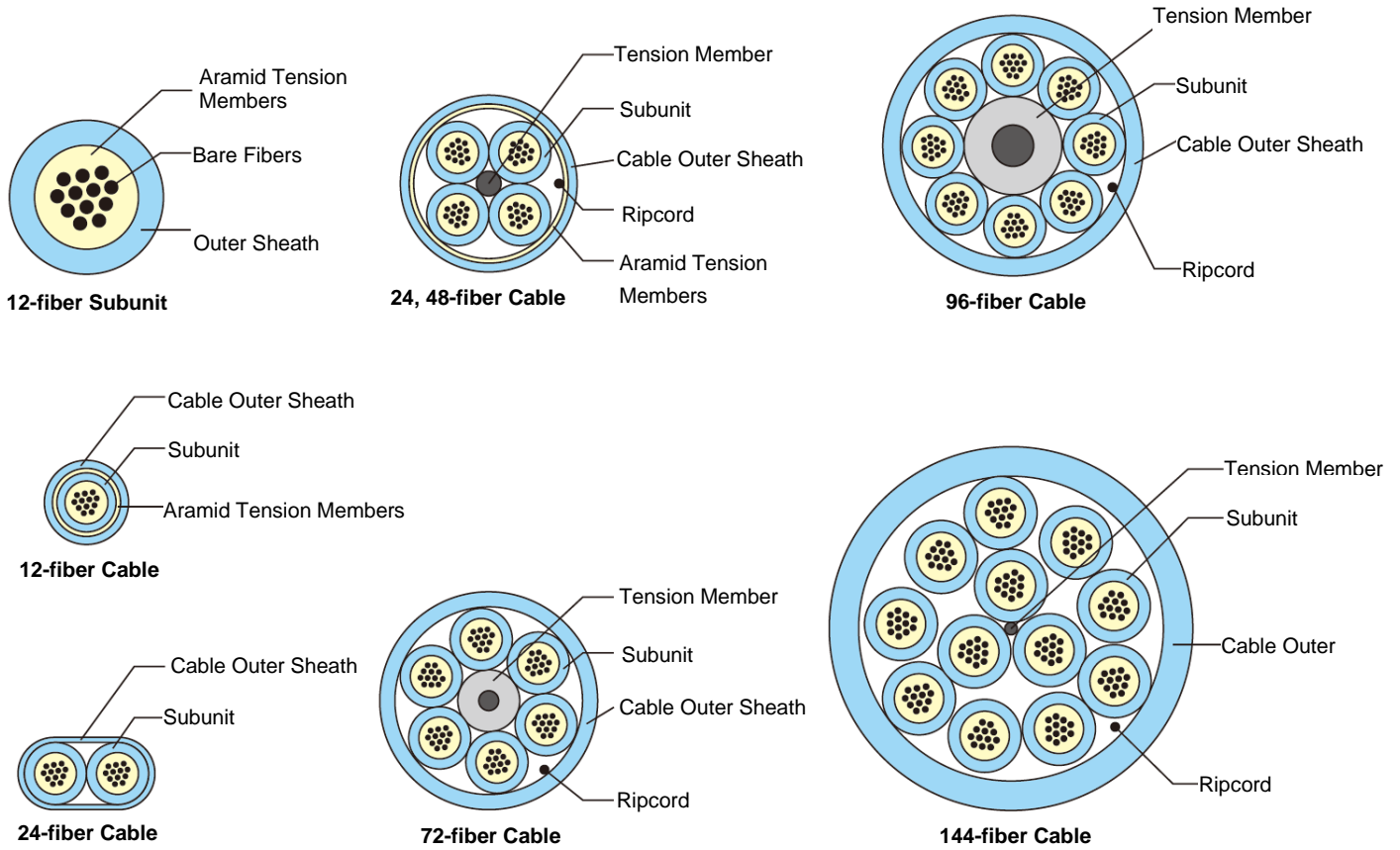| ❶	❷	❸	❹
Polarity (TIA-568-C.3)	**Cable Type**	**Fiber Type & Jacket Color**	**Fiber Count**
A: Type A	**K:** Trunk Cable • Flame-retardant Rating: Plenum	**SY:** SM, OS2, Yellow **LA:** MM 50 um, OM3-BIF, Aqua **CA:** MM 50 um, OM4-BIF, Aqua • BIF: Bend-insensitive Fiber	**2:** 2 fibers **4:** 4 fibers **6:** 6 fibers **8:** 8 fibers **C:** 12 fibers **D:** 24 fibers **E:** 36 fibers **F:** 48 fibers • Indicates number of fibers for connector termination

❺❻	❼❽	❾
Connector Type	**Fan-out Length L1, L2**	**Pulling Eye**

MPF: 12MPO (Female)
 MPM: 12MPO (Male)
 LPF: Low-loss 12MPO (Female)
 LPM: Low-loss 12MPO (Male)
 SSC: Simplex SC (PC)
 SSA: Simplex SC (APC)
 SLC: Simplex LC (PC)
 UCO: No Connector
 	
 • PC: UPC for SM
 • Please contact us for further assistance to ensure support for the duplex connector. It is essential to verify the wiring configuration.
	A: Fixed Length for MPO
	 B: 500 mm
	 C: 1000 mm
	 D: 1500 mm
	 E: 2000 mm
		A: No Pulling Eye
		 B: Pulling Eye on Side B (end) (*1)
		 C: Pulling Eyes on Both Ends
		
		 (*1) Assembly Priority in case of B
		      1st Priority: No Connector Side
		      2nd Priority: MPO Side
		      3rd Priority: Single-fiber Connector Side (*2)
		
		 (*2) Maximum Fiber Count for Single-fiber Connectors:
		      LC: 48 fibers or less
		      SC: 24 fibers or less

❿	⓫
Total Length L (3 digits)	**Packaging Type (Bundled/Reeled)**

001: 1 m
 	
 010: 10 m
 	
 100: 100 m
 	
 • Tolerance
    L ≤ 10 m : +10%, -0
    10 m < L ≤ 50 m: +1 m, -0
    50 m < L: +2%, -0
 	
 • Minimum Length
    MPO ─ MPO: 3 m or more
    MPO ─ Single-fiber Connector: 7 m or more
    Single-fiber Connector ─ Single-fiber connector: 10 m or more
	C: Bundled
	 R: Reeled

Contact us

Structure of Trunk Cable

12-fiber Subunit

24, 48-fiber Cable

96-fiber Cable

12-fiber Cable

24-fiber Cable

72-fiber Cable

144-fiber Cable

Type	Trunk Cable						
Fiber Count	12	24	24	48	72	96	144
Outer Diameter (mm)	4.5	4.5 x 7.4	9.7		11.1	13.3	14.9
Weight (kg/km)	22	33	80		125	175	194
Sheath Color	OS2: Yellow OM3/OM4: Aqua						
Flame-retardant Rating	Plenum (OFNP UL910)						

Reel

Compact and Eco-Friendly Reel Packaging

Durable Construction: The reel features a wooden board and paper tube body, assembled with bolts and nuts for easy disassembly and disposal on-site.

Compact Design: Available in flange diameters of 44 cm and 60 cm, making it easy to transport into server rooms.

Eco-Friendly Materials: The materials are resistant to wood waste, ensuring suitability for use within the server room environment.

Pulling Eye

Adaptable Pulling Eye Design

Variable Outer Diameter: The outer diameter of the pulling eye ranges from 30 to 50 mm, tailored to the fiber count and the number of connectors.

Customizable Length: The length of the pulling eye is adjustable based on the fan-out length and the quantity of connectors, ensuring a precise fit for your specific installation needs.

Contact us