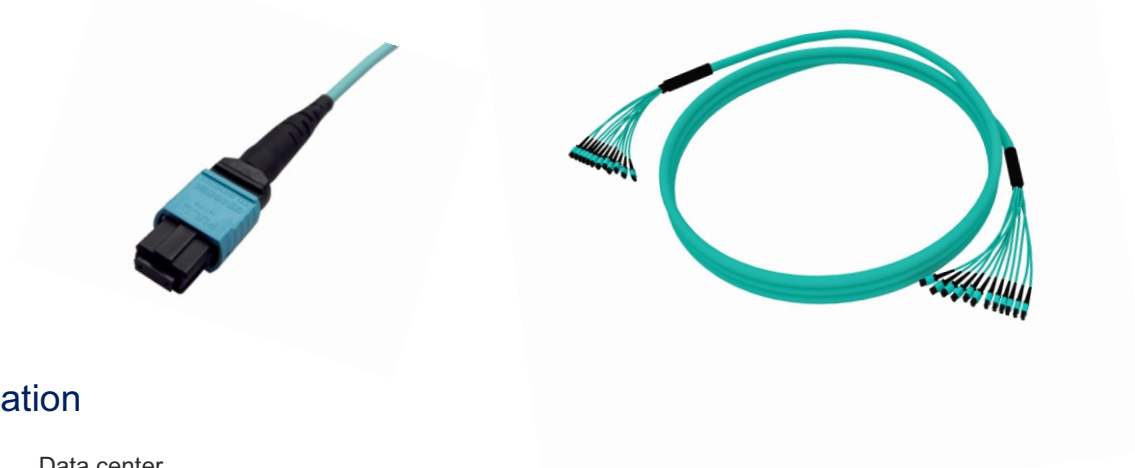


# MTP trunk cable

## Discription

MTP (Mechanical Transfer Pull Off) is USCONEC's trade name for their own superior style of MPO connector. the MTP® connector is a highperformance MPO connector with multiple engineered product enhancements to improve optical and mechanical performance when compared to generic MPO connectors. the MTP® connector is in complete compliance with all MPO connector standards including the EIA/TIA-604-5 and the IEC-61754-7.

The MTP trunk cable extends the link from the regional distribution to the equipment area, up to 144 cores can be used, through the combination of multiple branches of the cable into a cable to reduce the installation time, reduce the total diameter of the cable.



## Application

- Data center
- Pre-junction bridge cabling between workstations

## Features

- 12~144 cores are available
- Optional G567A1/OM2/OM3/OM4 cable
- Conform to RoHS, Telcordia GR-1435-CORE, GR-326-CORE
- The branch cable can choose 8-core / 12-core / 24-core optical fiber
- Customizable wiring protection configuration with bobbin and cable ring

## Environmental Characteristics

Product	parameter
operating temperature	-20°C~+60°C
Storage temperature	-40°C~+85°C
Outer cable fire rating/fire rate	OFNR/ OFN T4
Pressurization rate of UL/UL	OFNR/OT t6
Sheath material	PVC/LSZH

## Performance parameter

cores	diameter	weight	Minimum bending radius		Maximum tensile force		
			in working	When installing	short	long	Flattening force
	mm	kg/km	mm	mm	N	N	N/100mm <sup>2</sup>
12	12.2	140	20D	10D	1000	400	1000
24	15.5	182	20D	10D	1000	400	1000
36	19.0	245	20D	10D	1200	480	1000
48	20.0	305	20D	10D	1750	700	1000
72	21.0	328	20D	10D	2500	1200	1000
96	25.0	500	20D	10D	3000	1200	1000
144	28.0	678	20D	10D	4000	1600	1000

## Optical properties

Item	unit	62.5/125		50/125		(G652)	
		62B	62A	50B	50A	OM3 (OM4)	0.9
Working wavelength		850/1300nm	850/1300nm	850/1300nm	850/1300nm	850/1300nm	850/1300nm
bandwidth	MHz.km	160/500	200/600	200/500	400/800	1500/500(3500/500)	——
Attenuation value	dB/km	3.50/1.50	3.00/1.00	3.50/1.50	3.00/1.00	2.70/0.80(2.50/0.70)	0.45/0.30
Link length(1000M)		200/500	275/550	500/550	550/550	1000-600(1100-600)	——
Link length ( 10G )		——	——	——	——	300(550)	——