

## AT&T CenterLine Fiber Optic MTP Assemblies

### MTP-MTP Fiber Optic Trunk Assemblies

#### Description

MTP female to MTP female straight LS0H trunk assemblies for plug & play panels	
Fiber type	Select a fiber from page B.6.
Cable type	Round ruggedized double-jacketed cable made of 12-fiber units
Fiber count	12, 24, 48, 72, 96 or 144
Cable jackets material	Flame retardant LS0H compound for indoor use
Connector type	12-fiber MTP female straight on both sides
MTP count per side	One MTP connector for each 12-fiber units

#### Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA-568.3-D
- Relevant sections of ISO/IEC 11801
- Relevant sections of EN 50173
- Relevant sections of ANSI/TIA/EIA-604 (FOCIS)
- Relevant sections of IEC 60874
- Relevant sections of IEC 61753
- Relevant sections of IEC 61754
- IEC 60332-1 flame test
- IEC 60754 & IEC 61034
- EU Directive 2011/65/EU (RoHS-2)

#### Mechanical Properties

Short term bend radius	20xOD mm
Long term bend radius	10xOD mm
Operating temperature	-20 to +60C
	MM OM1 & OM2: Orange
	MM OM3: Turquoise
	MM OM4: Purple
	SM: Yellow
Default jacket colors	



#### Transmission Properties

##### Multimode Fibers - MTP Connectors

Connector Type	Connector IL (dB)	Connector RL (dB)
Standard Loss	0.50 max.	25 min. 30 Typical
Low-Loss	0.35 max.	25 min. 30 Typical
Super Low-Loss	0.25 max.	25 min. 30 Typical

##### Singlemode Fibers - MTP Connectors

Connector Type	Connector IL (dB)	Connector RL (dB)
Standard Loss	0.50 max.	50 min. 55 Typical
Low-Loss	0.35 max.	50 min. 55 Typical
Super Low-Loss	0.25 max.	50 min. 55 Typical

#### Ordering Information

FF: Fiber Type    CC: Jacket Color

Description	TIA-568.3-D Polarity	Fiber Count	Length m	12-Fiber Unit		Cable OD mm	MTP Count	Packaging	P/N
				OD mm	Count				
12-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	12	5	3.0	1	4.5	2	1/Bag	85SFFHA005K-CC61
12-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	12	100	3.0	1	4.5	2	1/Bag	85SFFHA100K-CC61
12-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	12	5	3.0	1	6.0	2	1/Bag	85SFFHA005P-CC61
12-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	12	100	3.0	1	6.0	2	1/Bag	85SFFHA100P-CC61
24-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	24	5	3.0	2	8.0	4	1/Bag	86SFFHA005P-CC61
24-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	24	100	3.0	2	8.0	4	1/Bag	86SFFHA100P-CC61
48-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	48	5	3.0	4	9.3	8	1/Bag	88SFFHA005P-CC61
48-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	48	100	3.0	4	9.3	8	1/Bag	88SFFHA100P-CC61
72-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	72	5	3.0	6	11.3	12	1/Bag	8BSFFHA005P-CC61
72-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	72	100	3.0	6	11.3	12	1/Bag	8BSFFHA100P-CC61
96-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	96	5	3.0	8	12.8	16	1/Bag	8DSFFHA005P-CC61
96-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	96	100	3.0	8	12.8	16	1/Bag	8DSFFHA100P-CC61
144-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	144	5	3.0	12	13.4	24	1/Bag	8ESFFHA005P-CC61
144-Fiber MTP Female - MTP Female Plug & Play LS0H Trunk Assembly	Type-C	144	100	3.0	12	13.4	24	1/Bag	8ESFFHA100P-CC61

All connectors in the above examples are low-loss type.  
Additional combinations can be selected using the information on page C.4.