

Excellent Integrated System Limited

Stocking Distributor

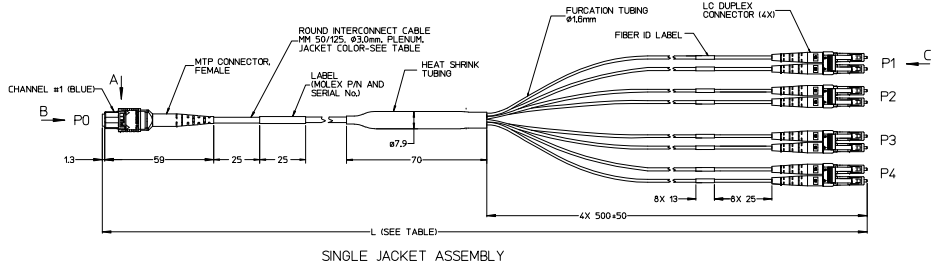
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[1062835104](#)

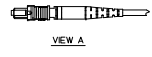
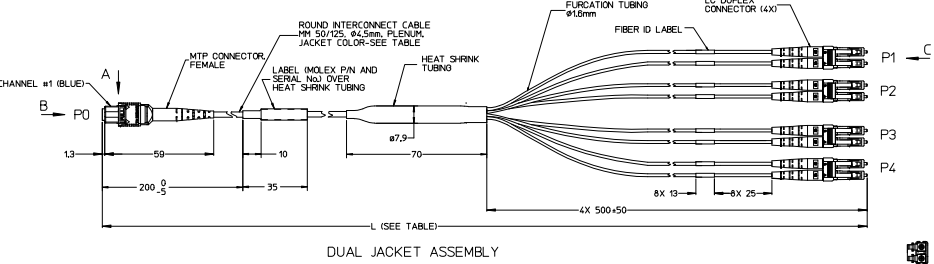
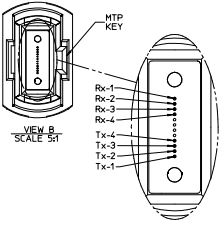
For any questions, you can email us directly:

sales@integrated-circuit.com

OSFP CABLE ASSEMBLY PART NUMBER	OVERALL LENGTH L (m)			CABLE DIA. (mm)	CABLE TYPE
	STANDARD BANDWIDTH (OM2) (ORANGE CABLE)	HIGH BANDWIDTH (OM3) (AQUA CABLE)	HIGH BANDWIDTH (OM4) (AQUA CABLE)		
106283-5001	106283-5101	106283-5401	10 ±0.2/-0	3.0	BARE FIBER INTERCONNECT, SINGLE JACKET
106283-5009	106283-5109	106283-5402	2.0 ±0.2/-0		
TBD	TBD	106283-5415	2.4 ±0.2/-0		
106283-5002	106283-5102	106283-5403	3.0 ±0.2/-0		
TBD	TBD	106283-5416	3.8 ±0.2/-0		
TBD	106283-5119	TBD	4.0 ±0.2/-0		
TBD	TBD	106283-5417	4.6 ±0.2/-0		
106283-5003	106283-5103	106283-5404	5.0 ±0.2/-0		
TBD	TBD	106283-5411	6.0 ±0.2/-0		
TBD	TBD	106283-5418	6.1 ±0.20/-0		
106283-5004	106283-5104	106283-5405	7.0 ±0.20/-0		
TBD	TBD	106283-5419	7.6 ±0.20/-0		
106283-5004	106283-5104	106283-5405	10.0 ±0.3/-0	4.5	BARE FIBER INTERCONNECT, DUAL JACKET
TBD	106283-5117	TBD	12.0 ±0.3/-0		
106283-5005	106283-5105	106283-5406	15.0 ±0.3/-0		
106283-5007	106283-5107	106283-5407	20.0 ±0.4/-0		
106283-5017	106283-5108	106283-5408	30.0 ±0.6/-0		
TBD	106283-5115	TBD	50.0 ±1.0/-0		
TBD	106283-5126	106283-5409	75.0 ±1.5/-0		
TBD	106283-5127	106283-5410	80.0 ±1.6/-0		
106283-5016	106283-5116	TBD	100.0 ±2.0/-0		



FROM P0	CONNECTOR	TO FIBER ID
Rx-1	P1-B	Tx-1
Rx-2	P2-B	Tx-2
Rx-3	P3-B	Tx-3
Rx-4	P4-B	Tx-4
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
UNUSED	UNUSED	UNUSED
Tx-4	P4-A	Rx-4
Tx-3	P3-A	Rx-3
Tx-2	P2-A	Rx-2
Tx-1	P1-A	Rx-1



NOTES:
 1. CABLE ASSEMBLY SPECIFICATIONS:
 OPTICAL PROPERTIES:
 FIBER TYPE MULTIMODE 50/125 μm BEND-INSENSITIVE
 CONNECTOR INSERTION LOSS MTP/LC (MAX) 0.5/0.35 dB
 CABLE ATTENUATION (MAX) 3.5/1.2 dB/km AT 850/1300 nm
 ±BANDWIDTH SEE TABLE 1
 ENVIRONMENTAL PROPERTIES:
 CONNECTOR MATERIALS UL94 V-0
 CABLE FLAMMABILITY RATING PLENUM OFNP (NFPA 262/UL 910)
 OPERATING TEMPERATURE RANGE -0°C TO +70°C
 MECHANICAL PROPERTIES:
 FIBER COUNT 4 Tx X 4 Rx
 CABLE MIN. BEND RADIUS SHORT TERM 50 mm - SINGLE JACKET
 89 mm - DUAL JACKET
 20 mm - SINGLE JACKET
 57 mm - DUAL JACKET
 LONG TERM 12.5 mm - SINGLE JACKET
 NO LOAD OR SUBUNIT JACKET OF DUAL JACKET
 COMPRESSIVE FORCE >3.5 N/mm
 SINGLE JACKET OR SUBUNIT JACKET OF DUAL JACKET
 Δ IN CONTROLLED 90° AND 180° BENDS, CABLE MINIMUM BEND RADIUS CAN BE REDUCED TO 15 IN 136 mm.

FIBER TYPE	OVERFILLED LAUNCH BANDWIDTH (MHz-km)		1 GIGABIT ETHERNET LINK DISTANCE (m)		10 GIGABIT ETHERNET LINK DISTANCE (m)		EFFECTIVE MODAL BANDWIDTH (MHz-km)
	850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm	
STANDARD BANDWIDTH (OM2)	500	500	600	---	86	---	---
HIGH BANDWIDTH (OM3)	1500	500	1000	---	300	---	2000
HIGH BANDWIDTH (OM4)	3500	550	1640	---	550	---	4700

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	ORIGIN UNITS	THIRD ANGLE PROJECTION
▽=0	mm INCH	MM ONLY	1:1	INCH	
▽=0	4 PLACES ± ---	DRAWN BY	DATE	TITLE	
	3 PLACES ± ---	IGUMIN	2006/01/31	MOLEX QSFP OPTICAL BREAK-OUT CABLE ASSEMBLY	
	2 PLACES ± ---	CHECKED BY	DATE		
	1 PLACE ± ---	APPROVED BY	DATE		
	0 PLACE ± ---	IGUMIN	2010/04/06		
	ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	SD-106283-5XXX	1 OF 1	