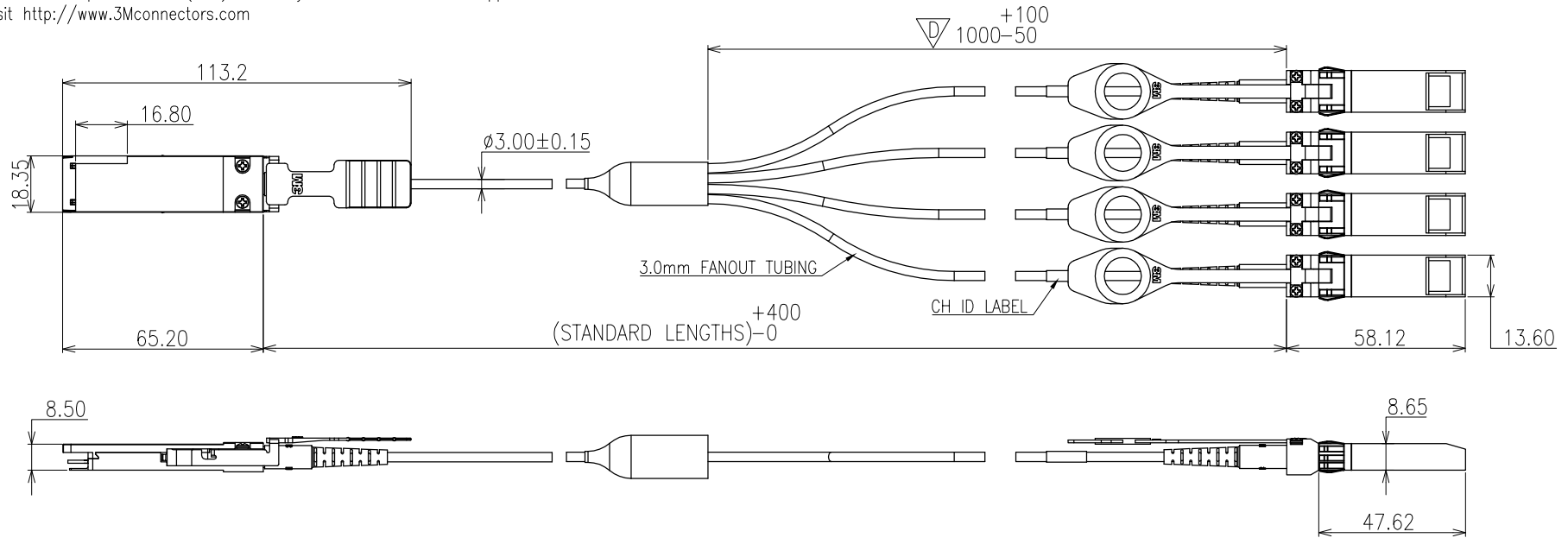


3M™ Active Optical Cable (AOC) Assembly for QSFP+ to SFP+ Applications  
 Visit <http://www.3Mconnectors.com>



NOTES:

1. RoHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "RoHS COMPLIANCE" SECTION AT [www.3Mconnectors.com](http://www.3Mconnectors.com) (E1 & C1 APPLY)
2. HALOGEN-FREE IS DEFINED AS BOTH (1) NO HALOGEN COMPOUNDS ARE INTENTIONALLY ADDED TO THE PRODUCT OR USED IN THE MANUFACTURING PROCESS FOR THE PRODUCT, AND (2) ANY IMPURITIES PRESENT ARE LESS THAN 900 PPM BROMINE, LESS THAN 900 PPM CHLORINE, AND/OR LESS THAN 1500 PPM TOTAL BROMINE AND CHLORINE. THE LATTER ARE THE LEVELS SET FORTH IN CERTAIN INDUSTRY STANDARDS FOR PRINTED CIRCUIT BOARDS, SUCH AS THE INTERNATIONAL ELECTROTECHNICAL COMMISSION (IEC) 61249-2-21 STANDARD.
3. HOUSING MATERIAL: ZINC ALLOY;  
 FINISH: NICKEL PLATING  
 CABLE: ORANGE OM2+, PLENUM RATED THERMOPLASTIC, OR  
 ORANGE OM2+, LOW SMOKE ZERO HALOGEN RATED THERMOPLASTIC (LSZH)

3. ORDERING INFORMATION:  
 6A25-A04X1-XXX.0-0

STANDARD LENGTHS:  
 1m INCREMENTS FROM 2m TO 30m,35m,40m,  
 45m,50m,60m,70m,80m,90m,100m

CABLE TYPE:  
 2=PLENUM, 4=LOW SMOKE ZERO HALOGEN (LSZH)

EXAMPLE: PART NUMBER & DESCRIPTION  
 6A25-A0421-003.0-0  
 (AOC, QSFP-SFP, 40GBE, 4CH, PLENUM, OM2+, 3m)

FANOUT CH ID LABEL	
CH 1	ORANGE
CH 2	ORANGE
CH 3	ORANGE
CH 4	ORANGE

DESIGN REFERENCE		NEXT ASSEMBLY		D	0047643	JUNE 10, 2013		OKC	YL
C		0048242		APR 23, 2013		OKC		SAU	
REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD				
DRFT		OH KIM CHYE		DATE	JUNE 10, 2013		MFG	DATE	
DIVISION		ESD		QIAO YUN LONG		JUNE 10, 2013		SAUJIT BANDHU	
DO NOT SCALE DRAWING		SCALE	1	TOLERANCES EXCEPT AS NOTED		INCHES		MILLIMETERS	
THIRD ANGLE PROJECTION		.0		.00		.000		.0000	
MAX SURFACE ROUGHNESS		125		.0		±.20		.00 ±.15	
☐ ALL SURFACES		☑ MARKED ONLY		ANGLES		±1°			
CAGE NUMBER		C		DRAWING NO.		78-5100-2576-6		REV.	
MODEL		DET. LISTS		YES		NO		SHT 1 OF 1	

3M  
 3M Center  
 St. Paul,  
 MN 55144

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TITLE  
 AOC, QSFP-SFP FANOUT,  
 40GBE, 4CH OPTICAL CABLE

DRAWING NUMBER 78-5100-2576-6

# Mouser Electronics

Authorized Distributor

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