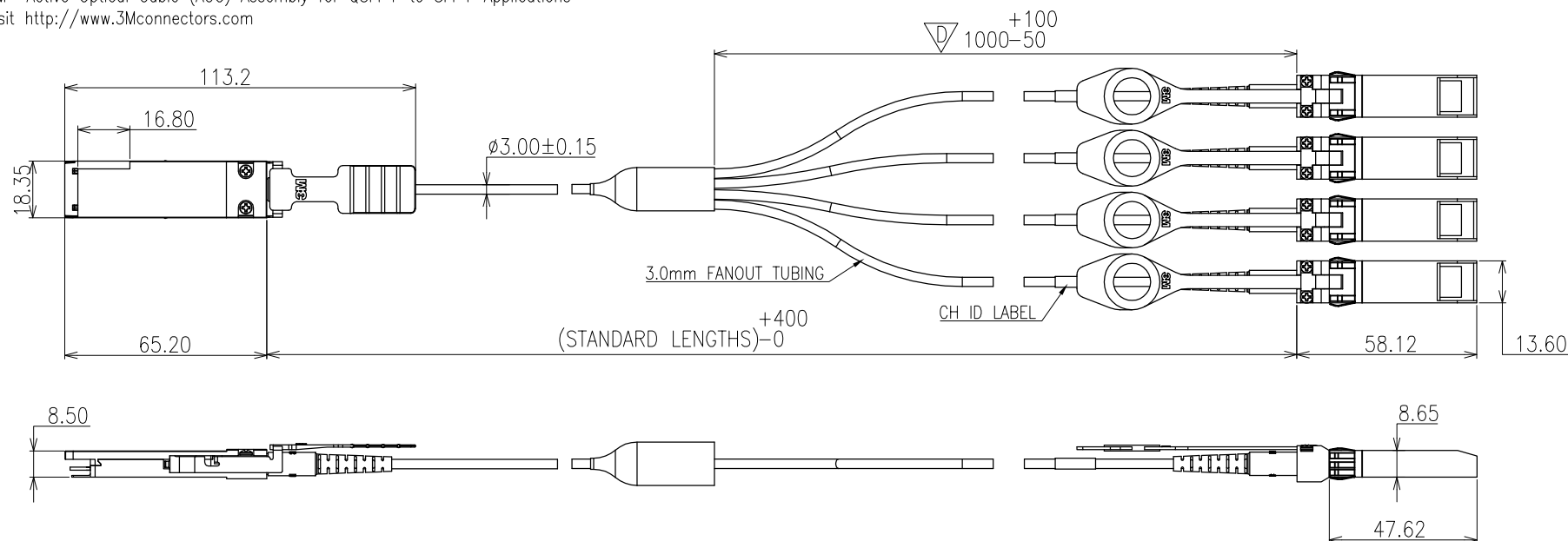


3M™ Active Optical Cable (AOC) Assembly for QSFP+ to SFP+ Applications
Visit <http://www.3Mconnectors.com>



NOTES:

1. RoHS COMPLIANT. SEE REGULATORY INFORMATION APPENDIX IN "RoHS COMPLIANCE" SECTION AT www.3Mconnectors.com (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) 61249-2-21STANDARD.
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	
DIST. CODES	ECO	ISSUE DATE AND DESCRIPTION	DATE
OH KIM CHYE	ECO	JUNE 10, 2013	APR 23, 2013
QIAO YUN LONG	ECO	JUNE 10, 2013	JUNE 10, 2013
DIVISION ESD		DIVISION CODE	
DO NOT SCALE DRAWING	SCALE 1	TOLERANCES EXCEPT AS NOTED	INCHES
THIRD ANGLE PROJECTION	ASME Y14.5 - 1994	MILLIMETERS	ANGLES ±1°
MAX SURFACE ROUGHNESS	125	ALL SURFACES	MARKED ONLY
CAGE NUMBER		SIZE	DRAWING NO.
178-5100-2576-6		C	178-5100-2576-6
MODEL		DET. LISTS	YES NO
SHT 1 OF 1			

78-5100-2576-6
DRAWING NUMBER

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[6A25-A0421-015.0-0](#) [6A25-A0421-003.0-0](#) [6A25-A0421-005.0-0](#) [6A25-A0421-020.0-0](#) [6A25-A0421-040.0-0](#) [6A25-A0421-025.0-0](#) [6A25-A0421-007.0-0](#) [6A25-A0421-012.0-0](#) [6A25-A0421-030.0-0](#) [6A25-A0421-050.0-0](#) [6A25-A0421-010.0-0](#)