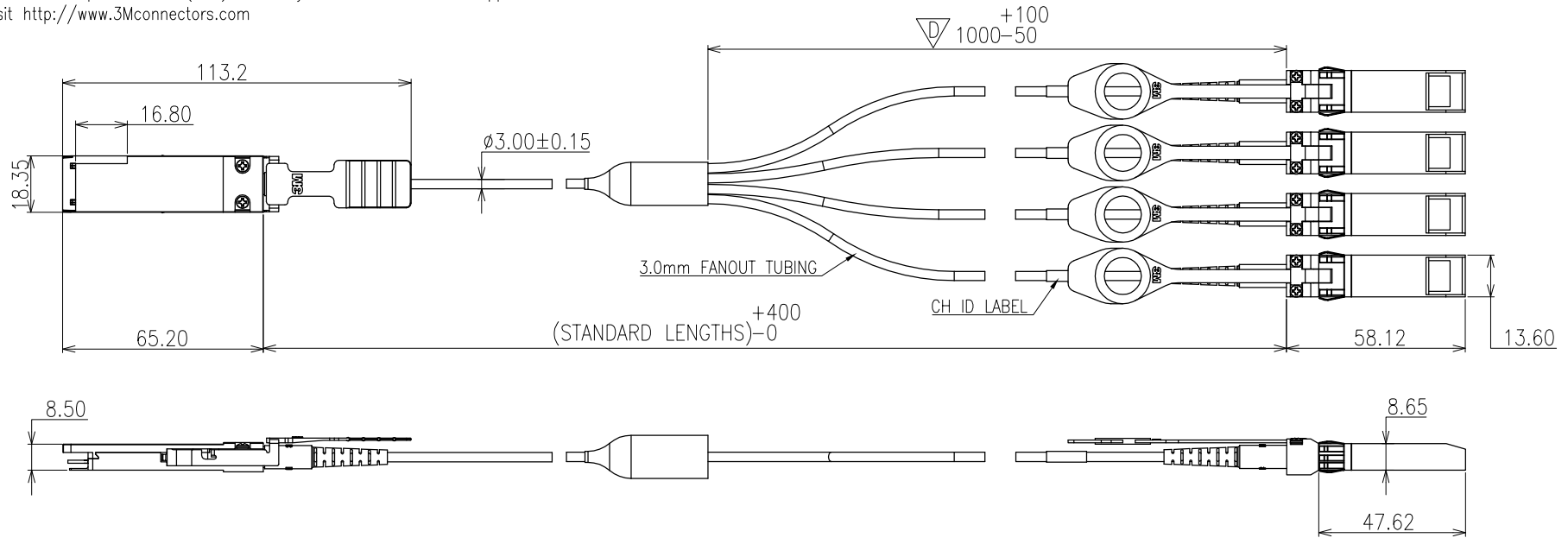


3M™ Active Optical Cable (AOC) Assembly for QSFP+ to SFP+ Applications
 Visit <http://www.3Mconnectors.com>



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) 61249-2-21 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 | | REV | ECO | ISSUE DATE AND DESCRIPTION | APR 23, 2013 | OKC SAU |
| DRFT | | OH KIM CHYE | | DATE | JUNE 10, 2013 | MFG | DATE | |
| DIVISION | | ESD | | DRG | QIAO YUN LONG | DATE | JUNE 10, 2013 | APPL |
| SAUJIT BANDHU | | DATE | | JUNE 10, 2013 | © 3M COPYRIGHT 2013 | | | |
| DO NOT SCALE DRAWING | | SCALE 1 | | TOLERANCES EXCEPT AS NOTED | | 3M Center St. Paul, MN 55144 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved. | | |
| THIRD ANGLE PROJECTION | | INTERPRET PER ASME Y14.5 - 1994 | | MILLIMETERS | | TITLE | | |
| MAX SURFACE ROUGHNESS | | 125 | | .0 ± .20 | | AOC, QSFP-SFP FANOUT, 40GBE, 4CH OPTICAL CABLE | | |
| ☐ ALL SURFACES | | ☑ MARKED ONLY | | .00 ± .15 | | CAGE NUMBER | | REV. |
| | | | | .000 ± .05 | | C 78-5100-2576-6 | | D |
| | | | | ANGLES ±1° | | MODEL | | DET. LISTS |
| | | | | | | SHT 1 OF 1 | | |

DRAWING NUMBER 78-5100-2576-6