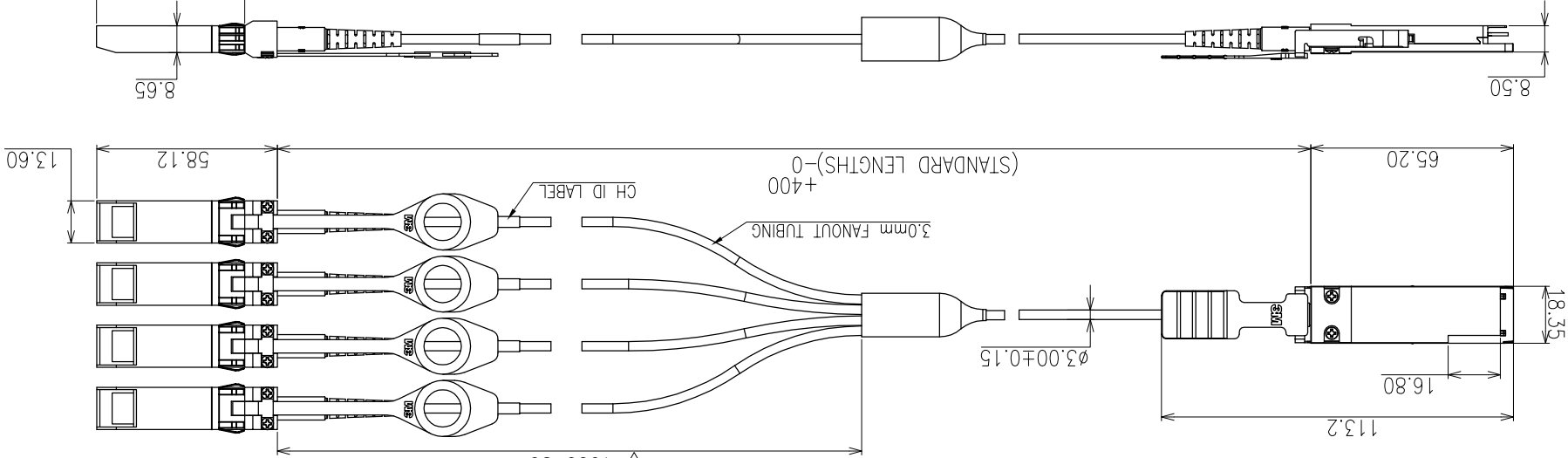


SMT™ Active Optical Cable (AOC) Assembly for QSFP+ to SFP+ Applications
 Visit <http://www.3mconnectors.com>



- 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 AND 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

EXAMPLE: PART NUMBER & DESCRIPTION
 6A25-A0421-003,0-0
 (AOC, QSFP-SFP, 40GBE, 4CH, PLENUM, OM2+, 3m)

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

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

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

| | | | |
|---|-------------------|------------------------|-------|
| DESIGN REFERENCE | NEXT ASSEMBLY | DIVISION | CODES |
| ECO | | | |
| REV | ECO | | |
| C 0048242 | APR 23, 2013 | | |
| OKC SAU | | | |
| D 0047643 | JUNE 10, 2013 | | |
| OKC YL | | | |
| DFT | DATE | APPN | DATE |
| OH KIM CHYE | JUNE 10, 2013 | | |
| SAU YUN LONG | JUNE 10, 2013 | | |
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| 3M | | | |
| TITLE | | | |
| AOC, QSFP-SFP FANOUT, 40GBE, 4CH OPTICAL CABLE | | | |
| MODEL | SIZE | DRAWING NO. | REV. |
| | | 78-5100-2576-6 | D |
| MAX SURFACE ROUGHNESS | INTERPRET PER | THIRD ANGLE PROJECTION | |
| 1.25 | ASME Y14.5 - 1994 | | |
| MARKED ONLY | MILLIMETERS | | |
| ANGLES ±1° | | | |
| DO NOT SCALE | SCALE | NOTED | |
| DO NOT SCALE | 1 | 1 | |
| TOLERANCES EXCEPT AS NOTED | | | |
| INCHES | | | |
| MAX SURFACE ROUGHNESS | ALL SURFACES | | |
| 1.25 | MARKED ONLY | | |
| DET. LIST | YES | SHT 1 OF 1 | |

78-5100-2576-6
 DRAWING NUMBER
 Revision

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