

Restricted to: General Release

USED ON

THIS DRAWING IS A CONTROLLED DOCUMENT.

| Part # | L (meters) | L (feet) | MT-RJ SECURE (No Pins), Orange | | SC-Duplex, Blue | |
|-------------|-----------------|-----------------|--------------------------------|---------|-----------------|---------|
| | | | IL (dB) | RL (dB) | IL (dB) | RL (dB) |
| 0-6828245-1 | 0.950 - 1.050 | 3.11 - 3.44 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-2 | 1.950 - 2.050 | 6.39 - 6.72 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-3 | 2.950 - 3.050 | 9.67 - 10.00 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-4 | 3.920 - 4.080 | 12.86 - 13.38 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-5 | 4.920 - 5.080 | 16.14 - 16.66 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-6 | 5.920 - 6.080 | 19.42 - 19.94 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-7 | 6.920 - 7.080 | 22.70 - 23.22 | 0.5 | 26 | 0.5 | 55 |
| 0-6828245-8 | 7.920 - 8.080 | 25.98 - 26.50 | 0.51 | 26 | 0.51 | 55 |
| 0-6828245-9 | 8.850 - 9.150 | 29.03 - 30.01 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-0 | 9.850 - 10.150 | 32.31 - 33.30 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-1 | 10.850 - 11.150 | 35.59 - 36.58 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-2 | 11.850 - 12.150 | 38.87 - 39.86 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-3 | 12.850 - 13.150 | 42.15 - 43.14 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-4 | 13.850 - 14.150 | 45.43 - 46.42 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-5 | 14.850 - 15.150 | 48.72 - 49.70 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-6 | 15.840 - 16.160 | 51.96 - 53.01 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-7 | 16.830 - 17.170 | 55.21 - 56.33 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-8 | 17.820 - 18.180 | 58.46 - 59.64 | 0.51 | 26 | 0.51 | 55 |
| 1-6828245-9 | 18.810 - 19.190 | 61.71 - 62.95 | 0.51 | 26 | 0.51 | 55 |
| 2-6828245-0 | 19.800 - 20.200 | 64.96 - 66.27 | 0.51 | 26 | 0.51 | 55 |
| 2-6828245-1 | 20.790 - 21.210 | 68.20 - 69.58 | 0.51 | 26 | 0.51 | 55 |
| 2-6828245-2 | 21.780 - 22.220 | 71.45 - 72.90 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-3 | 22.770 - 23.230 | 74.70 - 76.21 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-4 | 23.760 - 24.240 | 77.95 - 79.52 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-5 | 24.750 - 25.250 | 81.20 - 82.84 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-6 | 25.740 - 26.260 | 84.44 - 86.15 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-7 | 26.730 - 27.270 | 87.69 - 89.46 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-8 | 27.720 - 28.280 | 90.94 - 92.78 | 0.52 | 26 | 0.52 | 55 |
| 2-6828245-9 | 28.710 - 29.290 | 94.19 - 96.09 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-0 | 29.700 - 30.300 | 97.44 - 99.40 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-1 | 30.690 - 31.310 | 100.68 - 102.72 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-2 | 31.680 - 32.320 | 103.93 - 106.03 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-3 | 32.670 - 33.330 | 107.18 - 109.35 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-4 | 33.660 - 34.340 | 110.43 - 112.66 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-5 | 34.650 - 35.350 | 113.68 - 115.97 | 0.52 | 26 | 0.52 | 55 |
| 3-6828245-6 | 35.640 - 36.360 | 116.92 - 119.29 | 0.53 | 26 | 0.53 | 55 |
| 3-6828245-7 | 36.630 - 37.370 | 120.17 - 122.60 | 0.53 | 26 | 0.53 | 55 |
| 3-6828245-8 | 37.620 - 38.380 | 123.42 - 125.91 | 0.53 | 26 | 0.53 | 55 |
| 3-6828245-9 | 38.610 - 39.390 | 126.67 - 129.23 | 0.53 | 26 | 0.53 | 55 |
| 4-6828245-0 | 39.600 - 40.400 | 129.92 - 132.54 | 0.53 | 26 | 0.53 | 55 |
| 5-6828245-0 | 49.500 - 50.500 | 162.40 - 165.68 | 0.54 | 26 | 0.54 | 55 |

| Qty | U of M | Description | Item No. |
|-----|--------|--|----------|
| 1 | piece | DUST COVER, MT-RJ | 1 |
| 1 | piece | SPRING, MT-RJ, 3.8 DESIGN | 2 |
| 1 | piece | PIN KEEPER, 3.8MM | 3 |
| 1 | piece | MT-RJ, SPRING PUSH, UNIVERSAL | 4 |
| 1 | piece | CRIMP EYELET, MT-RJ | 5 |
| 1 | piece | MT-RJ Keyed Connector Housing - Orange | 6 |
| 2 | piece | LC, SC, FC Straight Boot, Blue | 7 |
| 1 | piece | MT-RJ FERRULE, THERMOPLAST SM | 8 |
| 2 | piece | SC Simplex Housing, Blue | 9 |
| 2 | piece | 2.5mm ferrule cover | 10 |
| AR | meter | 2 fiber, SM, 1.8 mm, Twinzip, Yellow, OFNR (Riser) | 11 |
| 1 | piece | MT-RJ TwinZip Bend Limiting Boot, Blue | 12 |
| 2 | piece | SC Duplex Clip | 13 |
| 2 | piece | Eyelet/Shrink tube assembly - Yellow | 14 |
| 2 | piece | CONN ASSY, SM, SC 1.6MM/125.5UM | 15 |
| 2 | piece | Trace Label | 16 |

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION. IT IS TO BE KEPT CONFIDENTIAL AND NOT DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

| | | | | | |
|---------|-----|-----------------|-----------|-----|------|
| Rev Per | EC# | 06-021324 | 9/13/2006 | - | MK |
| P | LTR | REVISION RECORD | DATE | DIN | APVD |

Customer Print

DIENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 P.L.C. ± .0005
1 P.L.C. ± .0010
2 P.L.C. ± .0015
3 P.L.C. ± .0020
4 P.L.C. ± .0025

| | | | |
|-------|--|--|------------|
| DIN | Cable Assy Configurator | MATERIAL | HEAT TREAT |
| CHK | Michael Kepko | | |
| APVD | Michael Kepko | AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608 | |
| NAME | FO C/A - 2 fiber, SM, OFNR (Riser) jacket, MT-RJ SECURE (No Pins) to SC-Duplex | | |
| SCALE | SIZE | DRAWING NO | SHEET |
| NTS | A2 | C- 6828245 | 2 of 3 |
| | | | REV B |

D

C

B

A

