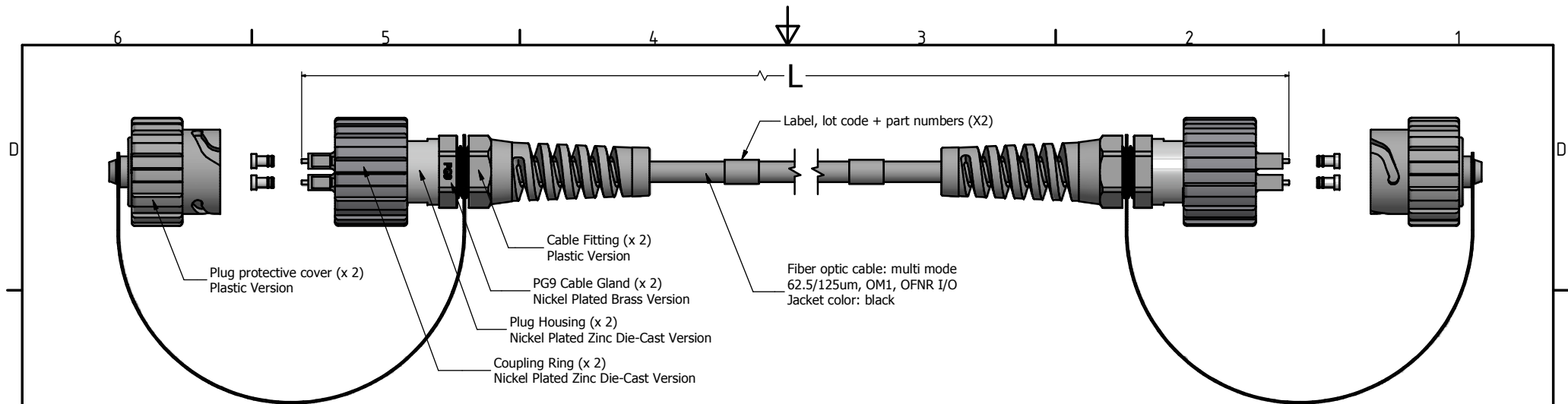




| Cable Length L |                    | Part Number  | Max. IL |
|----------------|--------------------|--------------|---------|
| Meters         | [Inches]           |              |         |
| 1m ± 0.05m     | [39.37" ± 1.97"]   | 17-300870-01 | 0.50 dB |
| 2m ± 0.05m     | [78.74" ± 1.97"]   | 17-300870-02 | 0.51 dB |
| 3m ± 0.05m     | [118.11" ± 1.97"]  | 17-300870-03 | 0.51 dB |
| 4m ± 0.08m     | [157.48" ± 3.15"]  | 17-300870-04 | 0.51 dB |
| 5m ± 0.08m     | [196.85" ± 3.15"]  | 17-300870-05 | 0.52 dB |
| 6m ± 0.08m     | [236.22" ± 3.15"]  | 17-300870-06 | 0.52 dB |
| 7m ± 0.08m     | [275.59" ± 3.15"]  | 17-300870-07 | 0.52 dB |
| 8m ± 0.15m     | [314.96" ± 5.91"]  | 17-300870-08 | 0.53 dB |
| 9m ± 0.15m     | [354.33" ± 5.91"]  | 17-300870-09 | 0.53 dB |
| 10m ± 0.15m    | [393.70" ± 5.91"]  | 17-300870-10 | 0.54 dB |
| 11m ± 0.15m    | [433.07" ± 5.91"]  | 17-300870-11 | 0.54 dB |
| 12m ± 0.15m    | [472.44" ± 5.91"]  | 17-300870-12 | 0.54 dB |
| 13m ± 0.15m    | [511.81" ± 5.91"]  | 17-300870-13 | 0.55 dB |
| 14m ± 0.15m    | [551.18" ± 5.91"]  | 17-300870-14 | 0.55 dB |
| 15m ± 0.15m    | [590.55" ± 5.91"]  | 17-300870-15 | 0.55 dB |
| 16m ± 0.30m    | [629.92" ± 11.81"] | 17-300870-16 | 0.56 dB |
| 17m ± 0.30m    | [669.29" ± 11.81"] | 17-300870-17 | 0.56 dB |
| 18m ± 0.30m    | [708.66" ± 11.81"] | 17-300870-18 | 0.56 dB |
| 19m ± 0.30m    | [748.03" ± 11.81"] | 17-300870-19 | 0.57 dB |
| 20m ± 0.30m    | [787.40" ± 11.81"] | 17-300870-20 | 0.57 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 21m ± 0.30m    | [826.77" ± 11.81"]  | 17-300870-21 | 0.57 dB |
| 22m ± 0.30m    | [866.14" ± 11.81"]  | 17-300870-22 | 0.58 dB |
| 23m ± 0.30m    | [905.51" ± 11.81"]  | 17-300870-23 | 0.58 dB |
| 24m ± 0.30m    | [944.88" ± 11.81"]  | 17-300870-24 | 0.58 dB |
| 25m ± 0.30m    | [984.25" ± 11.81"]  | 17-300870-25 | 0.59 dB |
| 26m ± 0.30m    | [1023.62" ± 11.81"] | 17-300870-26 | 0.59 dB |
| 27m ± 0.30m    | [1062.99" ± 11.81"] | 17-300870-27 | 0.59 dB |
| 28m ± 0.30m    | [1102.36" ± 11.81"] | 17-300870-28 | 0.60 dB |
| 29m ± 0.30m    | [1141.73" ± 11.81"] | 17-300870-29 | 0.60 dB |
| 30m ± 0.30m    | [1181.10" ± 11.81"] | 17-300870-30 | 0.61 dB |
| 31m ± 0.30m    | [1220.47" ± 11.81"] | 17-300870-31 | 0.61 dB |
| 32m ± 0.30m    | [1259.84" ± 11.81"] | 17-300870-32 | 0.61 dB |
| 33m ± 0.30m    | [1299.21" ± 11.81"] | 17-300870-33 | 0.62 dB |
| 34m ± 0.30m    | [1338.58" ± 11.81"] | 17-300870-34 | 0.62 dB |
| 35m ± 0.35m    | [1377.95" ± 13.78"] | 17-300870-35 | 0.62 dB |
| 36m ± 0.35m    | [1417.32" ± 13.78"] | 17-300870-36 | 0.63 dB |
| 37m ± 0.35m    | [1456.69" ± 13.78"] | 17-300870-37 | 0.63 dB |
| 38m ± 0.35m    | [1496.06" ± 13.78"] | 17-300870-38 | 0.63 dB |
| 39m ± 0.35m    | [1535.43" ± 13.78"] | 17-300870-39 | 0.64 dB |
| 40m ± 0.40m    | [1574.80" ± 15.75"] | 17-300870-40 | 0.64 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 41m ± 0.40m    | [1614.17" ± 15.75"] | 17-300870-41 | 0.64 dB |
| 42m ± 0.40m    | [1653.54" ± 15.75"] | 17-300870-42 | 0.65 dB |
| 43m ± 0.40m    | [1692.91" ± 15.75"] | 17-300870-43 | 0.65 dB |
| 44m ± 0.40m    | [1732.28" ± 15.75"] | 17-300870-44 | 0.65 dB |
| 45m ± 0.40m    | [1771.65" ± 15.75"] | 17-300870-45 | 0.66 dB |
| 46m ± 0.40m    | [1811.02" ± 15.75"] | 17-300870-46 | 0.66 dB |
| 47m ± 0.40m    | [1850.39" ± 15.75"] | 17-300870-47 | 0.66 dB |
| 48m ± 0.40m    | [1889.76" ± 15.75"] | 17-300870-48 | 0.67 dB |
| 49m ± 0.40m    | [1929.13" ± 15.75"] | 17-300870-49 | 0.67 dB |
| 50m ± 0.50m    | [1968.50" ± 19.69"] | 17-300870-50 | 0.68 dB |
| 51m ± 0.50m    | [2007.87" ± 19.69"] | 17-300870-51 | 0.68 dB |
| 52m ± 0.50m    | [2047.24" ± 19.69"] | 17-300870-52 | 0.68 dB |
| 53m ± 0.50m    | [2208.33" ± 19.69"] | 17-300870-53 | 0.69 dB |
| 54m ± 0.50m    | [2125.98" ± 19.69"] | 17-300870-54 | 0.69 dB |
| 55m ± 0.50m    | [2165.35" ± 19.69"] | 17-300870-55 | 0.69 dB |
| 56m ± 0.50m    | [2204.72" ± 19.69"] | 17-300870-56 | 0.70 dB |
| 57m ± 0.50m    | [2244.09" ± 19.69"] | 17-300870-57 | 0.70 dB |
| 58m ± 0.50m    | [2283.46" ± 19.69"] | 17-300870-58 | 0.70 dB |
| 59m ± 0.50m    | [2322.83" ± 19.69"] | 17-300870-59 | 0.71 dB |
| 60m ± 0.60m    | [2362.21" ± 23.62"] | 17-300870-60 | 0.71 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 61m ± 0.60m    | [2401.57" ± 23.62"] | 17-300870-61 | 0.71 dB |
| 62m ± 0.60m    | [2440.95" ± 23.62"] | 17-300870-62 | 0.72 dB |
| 63m ± 0.60m    | [2480.31" ± 23.62"] | 17-300870-63 | 0.72 dB |
| 64m ± 0.60m    | [2519.68" ± 23.62"] | 17-300870-64 | 0.72 dB |
| 65m ± 0.60m    | [2559.05" ± 23.62"] | 17-300870-65 | 0.73 dB |
| 66m ± 0.60m    | [2598.42" ± 23.62"] | 17-300870-66 | 0.73 dB |
| 67m ± 0.60m    | [2637.80" ± 23.62"] | 17-300870-67 | 0.74 dB |
| 68m ± 0.60m    | [2677.16" ± 23.62"] | 17-300870-68 | 0.74 dB |
| 69m ± 0.60m    | [2716.53" ± 23.62"] | 17-300870-69 | 0.74 dB |
| 70m ± 0.70m    | [2755.91" ± 27.56"] | 17-300870-70 | 0.75 dB |
| 71m ± 0.70m    | [2795.28" ± 27.56"] | 17-300870-71 | 0.75 dB |
| 72m ± 0.70m    | [2834.65" ± 27.56"] | 17-300870-72 | 0.75 dB |
| 73m ± 0.70m    | [2874.02" ± 27.56"] | 17-300870-73 | 0.76 dB |
| 74m ± 0.70m    | [2913.39" ± 27.56"] | 17-300870-74 | 0.76 dB |
| 75m ± 0.70m    | [2952.76" ± 27.56"] | 17-300870-75 | 0.76 dB |
| 76m ± 0.70m    | [2992.13" ± 27.56"] | 17-300870-76 | 0.77 dB |
| 77m ± 0.70m    | [3031.50" ± 27.56"] | 17-300870-77 | 0.77 dB |
| 78m ± 0.70m    | [3070.87" ± 27.56"] | 17-300870-78 | 0.77 dB |
| 79m ± 0.70m    | [3110.24" ± 27.56"] | 17-300870-79 | 0.78 dB |
| 80m ± 0.80m    | [3149.61" ± 31.50"] | 17-300870-80 | 0.78 dB |

## Preliminary Drawing

### NOTES:

1. MAXIMUM CONNECTOR INSERTION LOSS (IL): 0.5dB,  
PLUS CABLE ATTENUATION OF 3.5dB PER 1.5 km AT 850nm

2. TEST DATA PROVIDED WITH EACH ASSEMBLY

A ← → B

B ← → A

FIBER PATH DETAIL

Directive 2002/95/EC RoHS Compliant

|                                                                                                                                                                                   |           |       |               |                                         |         |      |                                         |        |                    |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|---------------|-----------------------------------------|---------|------|-----------------------------------------|--------|--------------------|--|--|--|
| THIS DRAWING MAY NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE WRITTEN PERMISSION OF CONEC CORPORATION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION. | Customer: |       |               | Tolerance<br>Unless otherwise specified |         |      | Scale: NTS                              |        | Dim. in m [inches] |  |  |  |
|                                                                                                                                                                                   | Name      | Title | Approval Date |                                         |         |      | Material:                               |        |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               | 2012                                    | Date    |      | Title:                                  |        |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               | Draw.                                   | Jul. 23 |      | IP67 Industrial Duplex LC (ODVA)        |        |                    |  |  |  |
| DO NOT ALTER CAD DRAWING BY HAND                                                                                                                                                  |           |       |               | Appd.                                   | Jul. 23 |      | MM Fiber Optic Patch Cords (62.5/125um) |        |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               |                                         |         |      | Nickel Plated Zinc Die-Cast Version     |        |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               |                                         |         |      | Drawing No.: 17K1A344                   |        |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               |                                         |         |      | Part No.: SEE TABLE                     |        |                    |  |  |  |
| a original                                                                                                                                                                        |           |       |               | Rev.                                    | Changes | Date | Name                                    | DIN A3 |                    |  |  |  |
|                                                                                                                                                                                   |           |       |               |                                         |         |      | Sheet 1/1                               |        |                    |  |  |  |

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