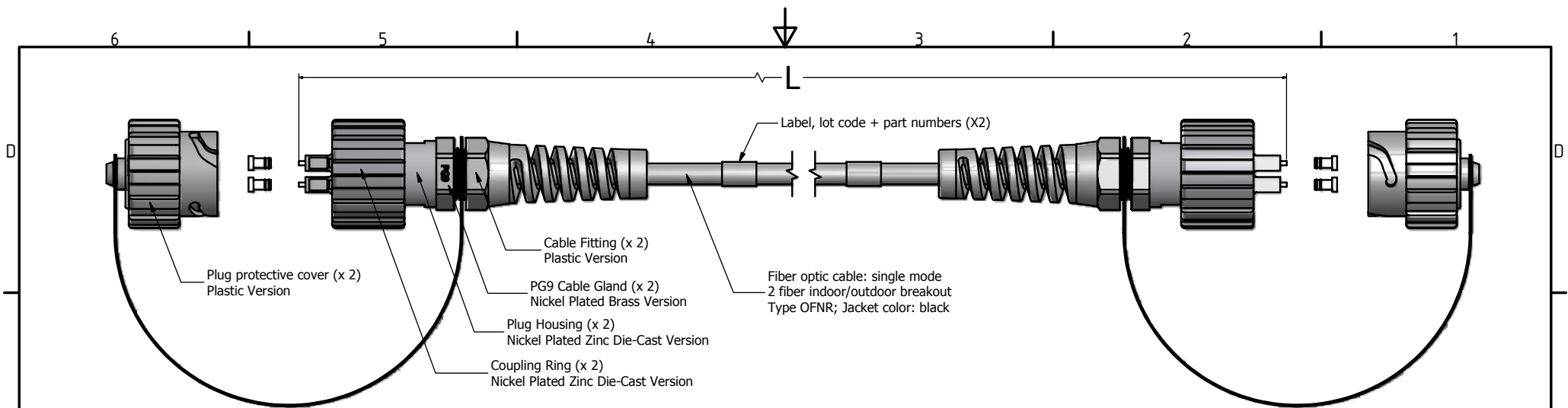




| Cable Length L |                    | Part Number  | Max. IL |
|----------------|--------------------|--------------|---------|
| Meters         | [Inches]           |              |         |
| 1m ± 0.05m     | [39.37" ± 1.97"]   | 17-300330-01 | 0.20 dB |
| 2m ± 0.05m     | [78.74" ± 1.97"]   | 17-300330-02 | 0.20 dB |
| 3m ± 0.05m     | [118.11" ± 1.97"]  | 17-300330-03 | 0.20 dB |
| 4m ± 0.08m     | [157.48" ± 3.15"]  | 17-300330-04 | 0.20 dB |
| 5m ± 0.08m     | [196.85" ± 3.15"]  | 17-300330-05 | 0.20 dB |
| 6m ± 0.08m     | [236.22" ± 3.15"]  | 17-300330-06 | 0.20 dB |
| 7m ± 0.08m     | [275.59" ± 3.15"]  | 17-300330-07 | 0.20 dB |
| 8m ± 0.15m     | [314.96" ± 5.91"]  | 17-300330-08 | 0.20 dB |
| 9m ± 0.15m     | [354.33" ± 5.91"]  | 17-300330-09 | 0.20 dB |
| 10m ± 0.15m    | [393.70" ± 5.91"]  | 17-300330-10 | 0.21 dB |
| 11m ± 0.15m    | [433.07" ± 5.91"]  | 17-300330-11 | 0.21 dB |
| 12m ± 0.15m    | [472.44" ± 5.91"]  | 17-300330-12 | 0.21 dB |
| 13m ± 0.15m    | [511.81" ± 5.91"]  | 17-300330-13 | 0.21 dB |
| 14m ± 0.15m    | [551.18" ± 5.91"]  | 17-300330-14 | 0.21 dB |
| 15m ± 0.15m    | [590.55" ± 5.91"]  | 17-300330-15 | 0.21 dB |
| 16m ± 0.30m    | [629.92" ± 11.81"] | 17-300330-16 | 0.21 dB |
| 17m ± 0.30m    | [669.29" ± 11.81"] | 17-300330-17 | 0.21 dB |
| 18m ± 0.30m    | [708.66" ± 11.81"] | 17-300330-18 | 0.21 dB |
| 19m ± 0.30m    | [748.03" ± 11.81"] | 17-300330-19 | 0.21 dB |
| 20m ± 0.30m    | [787.40" ± 11.81"] | 17-300330-20 | 0.21 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 21m ± 0.30m    | [826.77" ± 11.81"]  | 17-300330-21 | 0.21 dB |
| 22m ± 0.30m    | [866.14" ± 11.81"]  | 17-300330-22 | 0.22 dB |
| 23m ± 0.30m    | [905.51" ± 11.81"]  | 17-300330-23 | 0.22 dB |
| 24m ± 0.30m    | [944.88" ± 11.81"]  | 17-300330-24 | 0.22 dB |
| 25m ± 0.30m    | [984.25" ± 11.81"]  | 17-300330-25 | 0.22 dB |
| 26m ± 0.30m    | [1023.62" ± 11.81"] | 17-300330-26 | 0.22 dB |
| 27m ± 0.30m    | [1062.99" ± 11.81"] | 17-300330-27 | 0.22 dB |
| 28m ± 0.30m    | [1102.36" ± 11.81"] | 17-300330-28 | 0.22 dB |
| 29m ± 0.30m    | [1141.73" ± 11.81"] | 17-300330-29 | 0.22 dB |
| 30m ± 0.30m    | [1181.10" ± 11.81"] | 17-300330-30 | 0.22 dB |
| 31m ± 0.30m    | [1220.47" ± 11.81"] | 17-300330-31 | 0.22 dB |
| 32m ± 0.30m    | [1259.84" ± 11.81"] | 17-300330-32 | 0.22 dB |
| 33m ± 0.30m    | [1299.21" ± 11.81"] | 17-300330-33 | 0.22 dB |
| 34m ± 0.30m    | [1338.58" ± 11.81"] | 17-300330-34 | 0.22 dB |
| 35m ± 0.35m    | [1377.95" ± 13.78"] | 17-300330-35 | 0.22 dB |
| 36m ± 0.35m    | [1417.32" ± 13.78"] | 17-300330-36 | 0.23 dB |
| 37m ± 0.35m    | [1456.69" ± 13.78"] | 17-300330-37 | 0.23 dB |
| 38m ± 0.35m    | [1496.06" ± 13.78"] | 17-300330-38 | 0.23 dB |
| 39m ± 0.35m    | [1535.43" ± 13.78"] | 17-300330-39 | 0.23 dB |
| 40m ± 0.40m    | [1574.80" ± 15.75"] | 17-300330-40 | 0.23 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 41m ± 0.40m    | [1614.17" ± 15.75"] | 17-300330-41 | 0.24 dB |
| 42m ± 0.40m    | [1653.54" ± 15.75"] | 17-300330-42 | 0.24 dB |
| 43m ± 0.40m    | [1692.91" ± 15.75"] | 17-300330-43 | 0.24 dB |
| 44m ± 0.40m    | [1732.28" ± 15.75"] | 17-300330-44 | 0.24 dB |
| 45m ± 0.40m    | [1771.65" ± 15.75"] | 17-300330-45 | 0.24 dB |
| 46m ± 0.40m    | [1811.02" ± 15.75"] | 17-300330-46 | 0.24 dB |
| 47m ± 0.40m    | [1850.39" ± 15.75"] | 17-300330-47 | 0.24 dB |
| 48m ± 0.40m    | [1889.76" ± 15.75"] | 17-300330-48 | 0.24 dB |
| 49m ± 0.40m    | [1929.13" ± 15.75"] | 17-300330-49 | 0.24 dB |
| 50m ± 0.50m    | [1968.50" ± 19.69"] | 17-300330-50 | 0.24 dB |
| 51m ± 0.50m    | [2007.87" ± 19.69"] | 17-300330-51 | 0.24 dB |
| 52m ± 0.50m    | [2047.24" ± 19.69"] | 17-300330-52 | 0.24 dB |
| 53m ± 0.50m    | [2086.61" ± 19.69"] | 17-300330-53 | 0.24 dB |
| 54m ± 0.50m    | [2125.98" ± 19.69"] | 17-300330-54 | 0.24 dB |
| 55m ± 0.50m    | [2165.35" ± 19.69"] | 17-300330-55 | 0.24 dB |
| 56m ± 0.50m    | [2204.72" ± 19.69"] | 17-300330-56 | 0.24 dB |
| 57m ± 0.50m    | [2244.09" ± 19.69"] | 17-300330-57 | 0.24 dB |
| 58m ± 0.50m    | [2283.46" ± 19.69"] | 17-300330-58 | 0.24 dB |
| 59m ± 0.50m    | [2322.83" ± 19.69"] | 17-300330-59 | 0.24 dB |
| 60m ± 0.60m    | [2362.21" ± 23.62"] | 17-300330-60 | 0.24 dB |

| Cable Length L |                     | Part Number  | Max. IL |
|----------------|---------------------|--------------|---------|
| Meters         | [Inches]            |              |         |
| 61m ± 0.60m    | [2401.57" ± 23.62"] | 17-300330-61 | 0.25 dB |
| 62m ± 0.60m    | [2440.95" ± 23.62"] | 17-300330-62 | 0.25 dB |
| 63m ± 0.60m    | [2480.31" ± 23.62"] | 17-300330-63 | 0.25 dB |
| 64m ± 0.60m    | [2519.68" ± 23.62"] | 17-300330-64 | 0.25 dB |
| 65m ± 0.60m    | [2559.05" ± 23.62"] | 17-300330-65 | 0.25 dB |
| 66m ± 0.60m    | [2598.42" ± 23.62"] | 17-300330-66 | 0.25 dB |
| 67m ± 0.60m    | [2637.80" ± 23.62"] | 17-300330-67 | 0.25 dB |
| 68m ± 0.60m    | [2677.16" ± 23.62"] | 17-300330-68 | 0.25 dB |
| 69m ± 0.60m    | [2716.53" ± 23.62"] | 17-300330-69 | 0.25 dB |
| 70m ± 0.70m    | [2755.91" ± 27.56"] | 17-300330-70 | 0.25 dB |
| 71m ± 0.70m    | [2795.28" ± 27.56"] | 17-300330-71 | 0.25 dB |
| 72m ± 0.70m    | [2834.65" ± 27.56"] | 17-300330-72 | 0.25 dB |
| 73m ± 0.70m    | [2874.02" ± 27.56"] | 17-300330-73 | 0.25 dB |
| 74m ± 0.70m    | [2913.39" ± 27.56"] | 17-300330-74 | 0.25 dB |
| 75m ± 0.70m    | [2952.76" ± 27.56"] | 17-300330-75 | 0.25 dB |
| 76m ± 0.70m    | [2992.13" ± 27.56"] | 17-300330-76 | 0.25 dB |
| 77m ± 0.70m    | [3031.50" ± 27.56"] | 17-300330-77 | 0.25 dB |
| 78m ± 0.70m    | [3070.87" ± 27.56"] | 17-300330-78 | 0.25 dB |
| 79m ± 0.70m    | [3110.24" ± 27.56"] | 17-300330-79 | 0.25 dB |
| 80m ± 0.80m    | [3149.61" ± 31.50"] | 17-300330-80 | 0.25 dB |

#### NOTES:

1. MAXIMUM CONNECTOR INSERTION LOSS (IL): 0.2dB,  
PLUS CABLE ATTENUATION OF 0.78dB/km AT 1310nm

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 COPIED, REPRODUCED, OR REPRODUCED IN ANY WAY AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC CORPORATION. | Customer: |       |               | Tolerance<br>Unless otherwise specified |  |  | Scale: NTS                                                                                                               | Dim. in m [inches]        |  |  |  |
|                                                                                                                                                                                          | Name      | Title | Approval Date |                                         |  |  |                                                                                                                          |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
| Material: See Notes                                                                                                                                                                      |           |       |               |                                         |  |  | Title:<br>IP67 Industrial Duplex LC (ODVA)<br>Single Mode Fiber Optic Patch Cords<br>Nickel Plated Zinc Die-Cast Version | DIN<br>A3<br>Sheet<br>1/1 |  |  |  |
| Drawing No.: 17K1A239                                                                                                                                                                    |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
| Part No.: SEE TABLE                                                                                                                                                                      |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |
| Rev. Changes Date Name                                                                                                                                                                   |           |       |               |                                         |  |  | CONEC®                                                                                                                   |                           |  |  |  |
|                                                                                                                                                                                          |           |       |               |                                         |  |  |                                                                                                                          |                           |  |  |  |