



# Engineering Product Design

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| Product Construction:<br><b>C-Lite Multiconductor Unscreened, Jacketed Cables</b> | Product Family:<br><b>CL90-SU-0.75</b> | Rev<br>3 |
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|                                 |                     |                                       |                     |                 |
|---------------------------------|---------------------|---------------------------------------|---------------------|-----------------|
| Designer:<br><i>Paul Cleary</i> | Date:<br>12/05/2021 | Product Manager:<br><i>James Rice</i> | Date:<br>12/05/2021 | Page:<br>1 of 1 |
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| <p><i>Drawing for reference purposes only:</i></p> <p>Components<br/>CL105-0111-0.75</p> <p>PET Tape</p> <p>Jacket extruded Zerohal<br/>(See below for jacket colour &amp; mark)</p> | <p>Controlled Customer Copy:</p> <p><b>COMMERCIAL MARINE<br/>UK</b></p> <p>Specifications:</p> <p><b>WSD 2300</b></p> <p>©2021 Tyco Electronics. All international rights reserved. This is a Class 2 confidential document belonging to Tyco Electronics. A Class 2 document may not be disclosed to any non-Tyco Electronics persons without written approval from an authorized Tyco Electronics manager and the signing of a Confidential Disclosure Agreement.</p> |
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| Description     | Internal Reference | Number of Cores | Core Lay Up | OD under Jacket (mm) | Nom Wall (mm) | Nom OD (mm) | Tolerance ± (mm) | Nom weight (kg/km) |
|-----------------|--------------------|-----------------|-------------|----------------------|---------------|-------------|------------------|--------------------|
| CL90-2x0.75-SU  | EPD112497A         | 2               | 2           | 3.3                  | 1.0           | 5.3         | 0.3              | 40                 |
| CL90-3x0.75-SU  | EPD112498A         | 3               | 3           | 3.6                  | 1.0           | 5.6         | 0.4              | 48                 |
| CL90-4x0.75-SU  | EPD112499A         | 4               | 4           | 4.0                  | 1.0           | 6.0         | 0.4              | 62                 |
| CL90-5x0.75-SU  | EPD112500A         | 5               | F+5         | 4.4                  | 1.0           | 6.4         | 0.4              | 75                 |
| CL90-7x0.75-SU  | EPD112501A         | 7               | 1+6         | 4.9                  | 1.0           | 6.9         | 0.4              | 95                 |
| CL90-10x0.75-SU | EPD112502A         | 10              | 2+8         | 6.4                  | 1.0           | 8.6         | 0.6              | 127                |
| CL90-12x0.75-SU | EPD112503A         | 12              | 3+9         | 6.8                  | 1.1           | 9.0         | 0.6              | 155                |
| CL90-14x0.75-SU | EPD112504A         | 14              | 4+10        | 7.1                  | 1.1           | 9.2         | 0.6              | 191                |
| CL90-19x0.75-SU | EPD112505A         | 19              | 1+6+12      | 8.1                  | 1.1           | 10.3        | 0.7              | 226                |
| CL90-24x0.75-SU | EPD112506A         | 24              | 2+8+14      | 9.3                  | 1.2           | 11.7        | 0.8              | 268                |
| CL90-27x0.75-SU | EPD112507A         | 27              | 3+9+15      | 10.0                 | 1.2           | 12.4        | 0.8              | 316                |
| CL90-37x0.75-SU | EPD112508A         | 37              | 1+6+12+18   | 11.0                 | 1.3           | 13.5        | 0.9              | 391                |

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| Component identification:  | 2 core: Light Blue / White and sequentially numbered.<br>Others: White and sequentially numbered.  |
| Jacket colour and marking: | Jacket colour to be determined by appending description with standard colour code designator. Colours: 0=Black, 2=Red, 3=Orange, 5=Green, 6=Blue, 8=Grey e.g. CL90-12x0.75-SU-0 has a black jacket.<br>Cable to be marked "TE Connectivity – CL90-Yx0.75-SU - 0.6/1kV - IEC 60332-3-22 - Batch Number"<br>Y = Number of components as per column 3 above e.g. CL90-12x0.75-SU. |