

## **Engineering Product Design**

Product Construction:

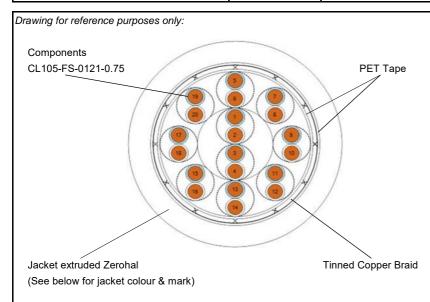
C-Lite Fire Resistant Multipair Overall Braid Screened, Jacketed Cables

Product Family:

CL105F-PO-0.75

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| Designer:   | Date:      | Product Manager: | Date:      | Page:  |  |
|-------------|------------|------------------|------------|--------|--|
| Paul Cleary | 27/07/2021 | James Rice       | 27/07/2021 | 1 of 1 |  |



Controlled Customer Copy:

## COMMERCIAL MARINE UK

Specifications:

WSD 2300

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| Description         | Internal   | Number   | Pair Lay  | OD under    | Nom Wall | Nom OD | Tolerance | Nom weight |
|---------------------|------------|----------|-----------|-------------|----------|--------|-----------|------------|
|                     | Reference  | of Pairs | Up        | jacket (mm) | (mm)     | (mm)   | ± (mm)    | (kg/km)    |
| CL105F-1x2x0.75-PO  | EPD110114A | 1        | 1         | 5.2         | 1.1      | 7.2    | 0.5       | 73         |
| CL105F-2x2x0.75-PO  | EPD110115A | 2        | 2         | 6.1         | 1.1      | 8.2    | 0.6       | 104        |
| CL105F-3x2x0.75-PO  | EPD110116A | 3        | 3         | 9.1         | 1.2      | 11.4   | 0.8       | 158        |
| CL105F-4x2x0.75-PO  | EPD110117A | 4        | 4         | 10.1        | 1.3      | 12.5   | 0.9       | 195        |
| CL105F-7x2x0.75-PO  | EPD110118A | 7        | 1+6       | 12.5        | 1.3      | 15.1   | 1.1       | 300        |
| CL105F-8x2x0.75-PO  | EPD110119A | 8        | 2+6       | 13.4        | 1.4      | 16.1   | 1.1       | 342        |
| CL105F-10x2x0.75-PO | EPD110120A | 10       | 2+8       | 14.9        | 1.4      | 17.7   | 1.2       | 400        |
| CL105F-12x2x0.75-PO | EPD110121A | 12       | 3+9       | 16.1        | 1.5      | 19.0   | 1.3       | 489        |
| CL105F-14x2x0.75-PO | EPD110122A | 14       | 4+10      | 17.3        | 1.5      | 20.3   | 1.4       | 546        |
| CL105F-15x2x0.75-PO | EPD110123A | 15       | F+5+10    | 17.9        | 1.6      | 20.9   | 1.5       | 580        |
| CL105F-16x2x0.75-PO | EPD110124A | 16       | F+5+11    | 18.4        | 1.6      | 21.5   | 1.5       | 611        |
| CL105F-19x2x0.75-PO | EPD110125A | 19       | 1+6+12    | 20.2        | 1.7      | 23.4   | 1.6       | 744        |
| CL105F-24x2x0.75-PO | EPD110126A | 24       | 2+8+14    | 22.3        | 1.7      | 25.7   | 1.8       | 895        |
| CL105F-27x2x0.75-PO | EPD111995A | 27       | 3+9+15    | 23.5        | 1.8      | 27.0   | 1.9       | 961        |
| CL105F-32x2x0.75-PO | EPD111996A | 32       | 5+11+16   | 25.7        | 1.9      | 29.4   | 2.1       | 1164       |
| CL105F-37x2x0.75-PO | EPD110127A | 37       | 1+6+12+18 | 27.6        | 2.0      | 31.4   | 2.2       | 1319       |

Component identification: Light Blue / White and sequentially numbered.

First pair numbered 1/2, second pair 3/4, third pair 5/6 etc. 2 pairs cabled as a quad, coloured and numbered as shown.

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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. CL105F-10x2x0.75-PO-0 has a black jacket.

Cable to be marked "TE Connectivity – CL105F-Yx2x0.75-PO - 150/250V -

IEC 60331-\* (120) - IEC 60332-3-22 - Batch Number"
\* = 1 for cables > 20.0mm, 2 for cables =< 20.0mm

Y = Number of components as per column 3 above e.g. CL105F-10x2x0.75-PO.

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