

## **Engineering Product Design**

Product Construction:

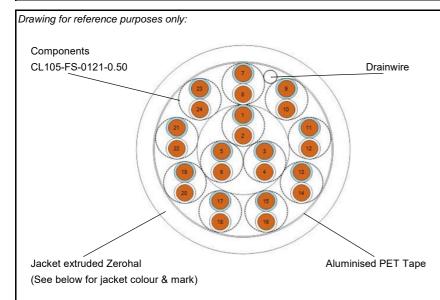
C-Lite Fire Resistant Multipair Overall Foil Screened, Jacketed Cables

Product Family:

CL105F-PF-0.50

4

Designer:Date:Product Manager:Date:Page:Paul Cleary23/11/2023James Rice23/11/20231 of 1



Controlled Customer Copy:

## COMMERCIAL MARINE UK

Specifications:

WSD 2300

Temperature rating:

TE rated to +120°C, +90°C for marine classification ratings.

Description	Internal	Number of	Pair Lay	OD under	Nom Wall	Nom OD	Tolerance	Nom weight
	Reference	Pairs	Up	jacket (mm)	(mm)	(mm)	± (mm)	(kg/km)
CL105F-2x2x0.50-PF	EPD111722A	2	2	4.9	1.0	6.9	0.5	67
CL105F-3x2x0.50-PF	EPD111723A	3	3	7.5	1.2	9.7	0.7	100
CL105F-4x2x0.50-PF	EPD111724A	4	4	8.4	1.2	10.7	0.7	124
CL105F-7x2x0.50-PF	EPD111725A	7	1+6	10.4	1.3	12.8	0.9	187
CL105F-8x2x0.50-PF	EPD111726A	8	2+6	11.2	1.3	13.7	1.0	211
CL105F-10x2x0.50-PF	EPD111727A	10	2+8	12.5	1.3	15.1	1.1	255
CL105F-12x2x0.50-PF	EPD111728A	12	3+9	13.4	1.4	16.1	1.1	295
CL105F-14x2x0.50-PF	EPD111729A	14	4+10	14.4	1.4	17.2	1.2	336
CL105F-15x2x0.50-PF	EPD111730A	15	5+10	14.9	1.4	17.7	1.2	355
CL105F-16x2x0.50-PF	EPD111731A	16	5+11	15.4	1.5	18.2	1.3	375
CL105F-19x2x0.50-PF	EPD111732A	19	1+6+12	16.8	1.5	19.7	1.4	439
CL105F-24x2x0.50-PF	EPD111733A	24	2+8+14	18.6	1.6	21.7	1.5	539
CL105F-27x2x0.50-PF	EPD111734A	27	3+9+15	19.7	1.6	22.9	1.6	600
CL105F-32x2x0.50-PF	EPD111735A	32	5+11+16	21.5	1.7	24.8	1.7	703
CL105F-37x2x0.50-PF	EPD111736A	37	1+6+12+18	23.1	1.8	26.5	1.9	802

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.



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-12x2x0.50-PF-0 has a black jacket. Cable to be marked "TE Connectivity - CL105F-Yx2x0.50-PF - 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-12x2x0.50-PF.

Tyco Electronics UK Ltd Faraday Road Dorcan SWINDON SN3 5HH Tel: +44 (0)1793 528171

TE Connectivity is a trading name of Tyco Electronics UK Ltd, which is registered in England and Wales, number 550926. Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH This drawing and the information set forth hereon are the property of Tyco Electronics UK Ltd, and are to be held in trust and confidence. Publication, duplication, disclosure or use for any purpose not expressly authorised in writing by Tyco Electronics UK Ltd is prohibited.

This specification sheet takes precedence over documents referenced herein. As Tyoo Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyoo Electronics UK Ltd to ensure that this document is the latest issue.