Engineering Product Design

Product Construction:	Product Family:	Rev
C-Lite Fire Resistant Multipair Overall Foil Screened, Jacketed Cables	**CL105F-PF-0.50**	4

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Drawing for reference purposes only:

Components
CL105-FS-0121-0.50

Drainwire

Jacket extruded Zerohal
(See below for jacket colour & mark)

Aluminised PET Tape
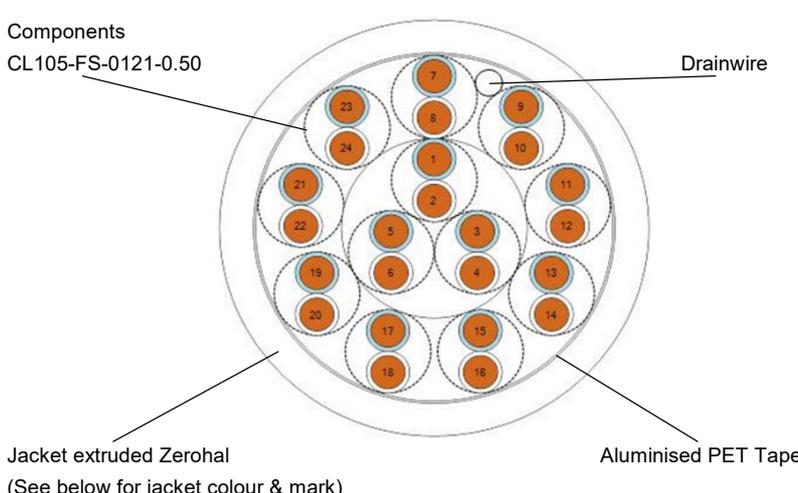
Controlled Customer Copy:

COMMERCIAL MARINE UK

Specifications:

WSD 2300

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

Description	Internal Reference	Number of Pairs	Pair Lay Up	OD under jacket (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ± (mm)	Nom weight (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.
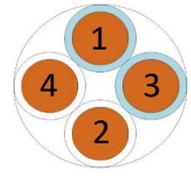
Jacket colour and marking:
Jacket colour to be determined by appending description with standard colour code designator. Colours: 0=Black, 2=Red, 3=Orange, 5=Green, 6=Blue, 8=Grey e.g. CL105F-12x2x0.50-PF-0 has a black jacket.
Cable to be marked "TE Connectivity - CL105F-Yx2x0.50-PF - 150/250V - IEC 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.