



Engineering Product Design

Product Construction: C-Lite Fire Resistant Multipair Individually Foil Screened and Overall Braid Screened, Jacketed Cables	Product Family: CL105F-PIO-0.50	Rev 4
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<p>Drawing for reference purposes only:</p>	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-1x2x0.50-PIO	EPD112178A	1	1	4.9	1.0	6.9	0.5	68
CL105F-2x2x0.50-PIO	EPD112179A	2	2	8.3	1.2	10.6	0.7	124
CL105F-3x2x0.50-PIO	EPD112180A	3	3	9.4	1.2	11.7	0.8	155
CL105F-4x2x0.50-PIO	EPD112181A	4	4	10.4	1.3	12.8	0.9	187
CL105F-7x2x0.50-PIO	EPD112182A	7	1+6	12.5	1.3	15.1	1.1	289
CL105F-8x2x0.50-PIO	EPD112183A	8	2+6	13.4	1.4	16.1	1.1	319
CL105F-10x2x0.50-PIO	EPD112184A	10	2+8	14.6	1.4	17.4	1.2	377
CL105F-12x2x0.50-PIO	EPD112185A	12	3+9	15.8	1.5	18.7	1.3	451
CL105F-14x2x0.50-PIO	EPD112186A	14	4+10	17.0	1.5	20.0	1.4	514
CL105F-15x2x0.50-PIO	EPD112187A	15	5+10	17.5	1.5	20.5	1.4	546
CL105F-16x2x0.50-PIO	EPD112188A	16	5+11	18.0	1.6	21.0	1.5	570
CL105F-19x2x0.50-PIO	EPD112189A	19	1+6+12	19.5	1.6	22.7	1.6	661
CL105F-24x2x0.50-PIO	EPD112190A	24	2+8+14	22.0	1.7	25.4	1.8	830
CL105F-27x2x0.50-PIO	EPD112191A	27	3+9+15	23.3	1.8	26.8	1.9	934
CL105F-32x2x0.50-PIO	EPD112192A	32	5+11+16	25.4	1.9	29.0	2.0	1109
CL105F-37x2x0.50-PIO	EPD112193A	37	1+6+12+18	27.2	1.9	31.0	2.2	1241

Component identification:	Light Blue / White and sequentially numbered. First pair numbered 1/2, second pair 3/4, third pair 5/6 etc.
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-PIO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105F-Yx2x0.50-PIO - 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-PIO.

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