



# Engineering Product Design

Product Construction: <b>C-Lite Fire Resistant Multipair Overall Braid Screened, Jacketed Cables</b>	Product Family: <b>CL105F-PO-0.50</b>	Rev 4
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<p>Drawing for reference purposes only:</p>	Controlled Customer Copy: <b>COMMERCIAL MARINE UK</b>
	Specifications: <b>WSD 2300</b>
	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-PO	EPD111478A	1	1	4.8	1.0	6.8	0.5	61
CL105F-2x2x0.50-PO	EPD111479A	2	2	5.6	1.1	7.6	0.5	85
CL105F-3x2x0.50-PO	EPD111480A	3	3	8.2	1.2	10.4	0.7	128
CL105F-4x2x0.50-PO	EPD111481A	4	4	9.1	1.2	11.4	0.8	152
CL105F-7x2x0.50-PO	EPD111482A	7	1+6	11.1	1.3	13.6	0.9	224
CL105F-8x2x0.50-PO	EPD111483A	8	2+6	11.9	1.3	14.4	1.0	248
CL105F-10x2x0.50-PO	EPD111484A	10	2+8	13.3	1.4	16.0	1.1	314
CL105F-12x2x0.50-PO	EPD111485A	12	3+9	14.2	1.4	16.9	1.2	357
CL105F-14x2x0.50-PO	EPD111486A	14	4+10	15.3	1.5	18.1	1.3	405
CL105F-15x2x0.50-PO	EPD111487A	15	F+5+10	16.0	1.5	18.9	1.3	447
CL105F-16x2x0.50-PO	EPD111488A	16	F+5+11	16.5	1.5	19.4	1.4	474
CL105F-19x2x0.50-PO	EPD111489A	19	1+6+12	17.8	1.6	20.8	1.4	544
CL105F-24x2x0.50-PO	EPD111490A	24	2+8+14	19.9	1.6	23.1	1.6	681
CL105F-27x2x0.50-PO	EPD111491A	27	3+9+15	21.0	1.7	24.3	1.7	768
CL105F-32x2x0.50-PO	EPD111492A	32	5+11+16	22.8	1.8	26.2	1.8	894
CL105F-37x2x0.50-PO	EPD111493A	37	1+6+12+18	24.6	1.8	28.2	2.0	1020

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-10x2x0.50-PO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105F-Yx2x0.50-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-10x2x0.50-PO.	

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