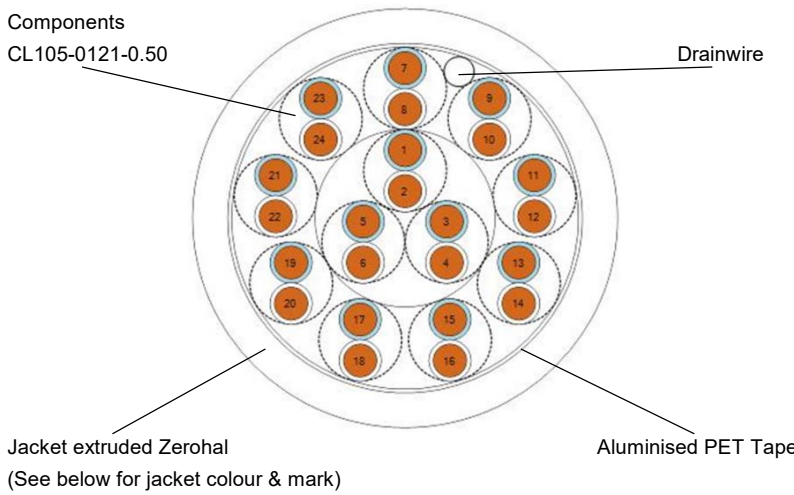




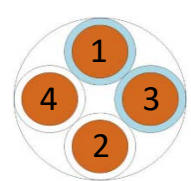
# Engineering Product Design

Product Construction: <b>C-Lite Multipair Overall Foil Screened, Jacketed Cables</b>	Product Family: <b>CL105-PF-0.50</b>	Rev 4
---	---	----------

Designer: <i>Paul Cleary</i>	Date: 14/11/2023	Product Manager: <i>James Rice</i>	Date: 14/11/2023	Page: 1 of 1
---------------------------------	---------------------	---------------------------------------	---------------------	-----------------

Drawing for reference purposes only:		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)
CL105-2x2x0.50-PF	EPD102906A	2	2	3.7	1.0	5.5	0.4	51
CL105-3x2x0.50-PF	EPD102907A	3	3	5.7	1.0	7.7	0.5	85
CL105-4x2x0.50-PF	EPD102908A	4	4	6.3	1.1	8.5	0.6	106
CL105-7x2x0.50-PF	EPD102909A	7	1+6	7.8	1.1	10.0	0.7	152
CL105-8x2x0.50-PF	EPD109538A	8	2+6	8.3	1.2	10.6	0.7	170
CL105-10x2x0.50-PF	EPD102910A	10	2+8	9.9	1.2	12.3	0.8	210
CL105-12x2x0.50-PF	EPD109539A	12	3+9	10.9	1.3	13.4	0.9	246
CL105-14x2x0.50-PF	EPD102911A	14	4+10	11.5	1.3	14.1	0.9	281
CL105-15x2x0.50-PF	EPD109540A	15	5+10	12.0	1.3	14.6	1.0	297
CL105-16x2x0.50-PF	EPD109541A	16	5+11	12.1	1.3	14.7	1.0	313
CL105-19x2x0.50-PF	EPD102912A	19	1+6+12	13.3	1.3	15.9	1.1	360
CL105-24x2x0.50-PF	EPD102913A	24	2+8+14	14.8	1.4	17.6	1.2	446
CL105-27x2x0.50-PF	EPD109542A	27	3+9+15	15.2	1.4	18.0	1.2	494
CL105-32x2x0.50-PF	EPD111396A	32	5+11+16	15.9	1.5	18.8	1.3	520
CL105-37x2x0.50-PF	EPD102914A	37	1+6+12+18	18.1	1.5	21.1	1.4	655

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. CL105-12x2x0.50-PF-0 has a black jacket. Cable to be marked "TE Connectivity - CL105-Yx2x0.50-PF - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL105-12x2x0.50-PF.	