

## **Engineering Product Design**

Product Construction: C-Lite Multipair Individually Foil Screened and Overall Braid Screened, Jacketed Cables						Product Family: CL105-PIO-1.50				
										Designer:
Paul Cleary	14/11/2023 James Rice				14/1		)23	1 of 1		
Drawing for reference purposes only:						Controlled Customer Copy:				
Components					COM	COMMERCIAL MARINE				
CL105-DW-1.50 PET Tape					UK					
						Specifications:				
					WSD	WSD 2300				
						Temperature rating:				
						TE rated to +120°C, +90°C for marine				
cla						ation rating	S.			
Jacket extruded Zerohal Tinned Copper Braid										
(See below for jacket colour & mark)										
Description	Internal	Number of	Pair Lay	OD under	Nom Wall	Nom OD	Tolerance	Nom	n weight	
	Reference	Pairs	Up	jacket (mm)	(mm)	(mm)	± (mm)	(k	(g/km	
CL105-1x2x1.50-PIO	EPD102801A	1	1	5.2	1.0	7.2	0.5		96	
CL105-2x2x1.50-PIO	EPD102802A	2	2	9.5	1.2	11.9	0.8		219	
CL105-3x2x1.50-PIO	EPD102803A	3	3	9.8 10.8	1.2 1.2	12.2 13.2	0.8		252 310	
CL105-4x2x1.50-PIO CL105-7x2x1.50-PIO	EPD103066A EPD102804A	4	4 1+6	10.0	1.2	16.0	1.0		476	
CL105-7x2x1.50-PIO CL105-8x2x1.50-PIO	EPD102804A EPD109638A	8	2+6	13.4	1.3	16.0	1.0		543	
CL105-0x2x1.50-PIO	EPD103067A	10	2+0	14.5	1.4	17.3	1.2		664	
CL105-12x2x1.50-PIO	EPD109639A	10	3+9	17.0	1.4	20.0	1.2		777	
CL105-14x2x1.50-PIO	EPD103068A	14	4+10	18.2	1.5	21.2	1.4		889	
CL105-15x2x1.50-PIO	EPD109640A	15	5+10	18.9	1.6	22.0	1.5		952	
CL105-16x2x1.50-PIO	EPD109641A	16	5+11	19.8	1.6	23.0	1.6		1015	
CL105-19x2x1.50-PIO	EPD102806A	19	1+6+12	21.3	1.6	24.5	1.6		1200	
CL105-24x2x1.50-PIO	EPD102807A	24	2+8+14	23.7	1.7	27.1	1.8		1476	
CL105-27x2x1.50-PIO	EPD109642A	27	3+9+15	25.5	1.9	29.1	2.0		1642	
CL105-32x2x1.50-PIO CL105-37x2x1.50-PIO	EPD111599A EPD103069A	32 37	5+11+16 1+6+12+18	27.6 29.1	1.9 2.0	31.4 33.1	2.1		2065 2197	
Component identification: Jacket colour and marking:		Light Blue / White and sequentially numbered First pair numbered 1/2, second pair numbered 3/4, third pair numbered 5/6 etc. 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. CL105-10x2x1.50-PIO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105-Yx2x1.50-PIO - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL105-10x2x1.50-PIO.										

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