

Engineering Product Design

Product Construction: C-Lite Multipair Individually Foil Screened and Overall Braid Screened, Jacketed Cables						Product Family: CL105-PIO-0.50				
Designer: Date: Product Manager					:	Date: Pag				
								14/11/2023		
Drawing for reference purposes only:						Controlled Customer Copy:				
Components CL105-DW-0.50 PET Tape					UK	COMMERCIAL MARINE UK				
						Specifications:				
						WSD 2300				
						Temperature rating: TE rated to +120°C, +90°C for marine classification ratings.				
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Jacket extruded Zerohal Tinned Copper Braid (See below for jacket colour & mark)										
Description	Internal Reference	Number of Pairs	Pair Lay Up	OD under jacket (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ± (mm)		weight g/km)	
CL105-1x2x0.50-PIO	EPD103052A	1	1	3.8	1.0	5.8	0.4		56	
CL105-2x2x0.50-PIO CL105-3x2x0.50-PIO	EPD102784A EPD103053A	2	2	6.8 7.0	1.1	9.0 9.2	0.6		117 132	
CL105-3x2x0.50-PIO	EPD103053A EPD102785A	3	4	7.7	1.1	9.2	0.6		152	
CL105-5x2x0.50-PIO	EPD115161A	5	F+5	8.4	1.1	10.8	0.0		180	
CL105-7x2x0.50-PIO	EPD102786A	7	1+6	9.4	1.2	11.8	0.8		230	
CL105-8x2x0.50-PIO	EPD109628A	8	2+6	10.1	1.2	12.5	0.9		261	
CL105-10x2x0.50-PIO	EPD102787A	10	2+8	10.8	1.2	13.2	0.9		300	
CL105-12x2x0.50-PIO	EPD109629A	12	3+9	11.7	1.3	14.2	1.0		357	
CL105-14x2x0.50-PIO		14	4+10	12.7	1.3	15.3	1.0		413	
CL105-15x2x0.50-PIO CL105-16x2x0.50-PIO		15 16	5+10 5+11	13.4 13.6	1.4	16.2 16.3	1.1		442 471	
CL105-19x2x0.50-PIO	EPD109031A EPD102789A	10	1+6+12	14.6	1.4	17.4	1.1		538	
CL105-24x2x0.50-PIO	EPD102790A	24	2+8+14	14.0	1.5	19.5	1.1		684	
CL105-27x2x0.50-PIO	EPD109632A	27	3+9+15	17.5	1.5	20.5	1.4		762	
CL105-32x2x0.50-PIO CL105-37x2x0.50-PIO	EPD111597A	32 37	5+11+16	18.9	1.6	22.0	1.5		796	
Component identi Jacket colour and	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. CL105-10x2x0.50-PIO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105-Yx2x0.50-PIO - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL105-10x2x0.50-PIO.									
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