

## **Engineering Product Design**

Product Construction: C-Lite Multipair Individually Foil Screened and Overall Braid						Product Family: CL105-PIO-0.75			Rev	
Screened, Jacketed Cables						05-PIC	J-U./5		5	
Designer: Date:				duct Manager:	:			Date:		
Paul Cleary 14/1 <sup>-</sup>				nes Rice		14/11/2		023	Page: 1 of 1	
Drawing for reference purposes only:						Controlled Customer Copy:				
Components						COMMERCIAL MARINE				
CL105-DW-0.75 PET Tape					UK	UK				
						Specifications:				
						WSD 2300				
						Temperature rating:				
						TE rated to +120°C, +90°C for marine				
					classific	classification ratings.				
Jacket extruded Zerohal Tinned Copper Braid										
(See below for jacket colour & mark)										
Description Internal		Number of Pair La		OD under	Nom Wall	Nom OD	Tolerance	Nom	Nom weight	
•	Reference	Pairs	Up	jacket (mm)	(mm)	(mm)	± (mm)		g/km)	
CL105-1x2x0.75-PIO	EPD102792A	1	1	4.2	1.0	6.2	0.4		68	
CL105-2x2x0.75-PIO	EPD102793A	2	2	7.6	1.1	9.8	0.6		144	
CL105-3x2x0.75-PIO CL105-4x2x0.75-PIO	EPD103055A EPD102794A	3	3	7.8 8.6	1.1 1.1	10.0 10.8	0.6		165 200	
CL105-7x2x0.75-PIO	EPD102794A	7	1+6	10.6	1.1	13.0	0.7		200	
CL105-8x2x0.75-PIO	EPD109122A	8	2+6	11.3	1.3	13.8	0.9		335	
CL105-10x2x0.75-PIO	EPD102796A	10	2+8	12.1	1.3	14.7	1.0		395	
CL105-12x2x0.75-PIO	EPD109124A	12	3+9	13.3	1.4	16.0	1.1		470	
CL105-14x2x0.75-PIO	EPD102797A	14	4+10	14.2	1.4	17.0	1.1		544	
CL105-15x2x0.75-PIO	EPD109126A	15	5+10	15.1	1.5	18.1	1.2		583	
CL105-16x2x0.75-PIO	EPD109127A	16	5+11	15.3	1.5	18.1	1.3		622	
CL105-19x2x0.75-PIO	EPD102798A	19	1+6+12	16.7	1.5	19.7	1.3		735	
CL105-24x2x0.75-PIO	EPD102799A	24	2+8+14	18.5	1.5	21.5	1.4		891	
CL105-27x2x0.75-PIO	EPD109129A	27	3+9+15	19.9	1.6	23.1	1.6		997	
CL105-32x2x0.75-PIO	EPD111598A	32	5+11+16	21.6	1.7	24.9	1.7		1105	
CL105-37x2x0.75-PIO	EPD102800A	37	1+6+12+18	23.0	1.7	26.4	1.7		1352	
Component identification: Jacket colour and marking:		First pair r Jacket col colour coc 6=Blue, 8 Cable to b IEC 60332	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. CL105-10x2x0.75-PIO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105-Yx2x0.75-PIO - 0.6/1kV - IEC 60332-3-22 - Batch Number"							
Y = Number of components as per column 3 above e.g. CL105-10x2x0.75-PIO.										
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