

Engineering Product Design

Product Construction:

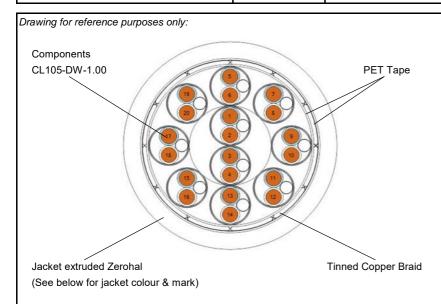
C-Lite Multipair Individually Foil Screened and Overall Braid
Screened, Jacketed Cables

Product Family:

CL105-PIO-1.00

4

Designer:Date:Product Manager:Date:Page:Paul Cleary14/11/2023James Rice14/11/20231 of 1



Controlled Customer Copy:

COMMERCIAL MARINE UK

Specifications:

WSD 2300

Temperature rating:

TE rated to +120°C, +90°C for marine classification ratings.

Description	Internal	Number of	,	OD under	Nom Wall	Nom OD	Tolerance	Nom weight
	Reference	Pairs	Up	jacket (mm)	(mm)	(mm)	± (mm)	(kg/km)
CL105-1x2x1.00-PIO	EPD103056A	1	1	4.5	1.0	6.5	0.4	78
CL105-2x2x1.00-PIO	EPD103057A	2	2	8.2	1.1	10.4	0.7	167
CL105-3x2x1.00-PIO	EPD103058A	3	3	8.4	1.1	10.6	0.7	194
CL105-4x2x1.00-PIO	EPD103059A	4	4	9.3	1.2	11.7	0.8	243
CL105-7x2x1.00-PIO	EPD103060A	7	1+6	11.4	1.3	14.0	0.9	360
CL105-8x2x1.00-PIO	EPD109633A	8	2+6	12.4	1.3	15.0	1.0	410
CL105-10x2x1.00-PIO	EPD103061A	10	2+8	13.2	1.3	15.8	1.0	492
CL105-12x2x1.00-PIO	EPD109634A	12	3+9	14.4	1.4	17.1	1.2	587
CL105-14x2x1.00-PIO	EPD103062A	14	4+10	15.6	1.4	18.4	1.2	682
CL105-15x2x1.00-PIO	EPD109635A	15	5+10	16.6	1.5	19.6	1.3	730
CL105-16x2x1.00-PIO	EPD109636A	16	5+11	16.8	1.5	19.7	1.4	778
CL105-19x2x1.00-PIO	EPD103063A	19	1+6+12	18.1	1.5	21.1	1.4	891
CL105-24x2x1.00-PIO	EPD103064A	24	2+8+14	20.3	1.6	23.5	1.5	1131
CL105-27x2x1.00-PIO	EPD109637A	27	3+9+15	21.6	1.7	24.9	1.7	1254
CL105-32x2x1.00-PIO	EPD111600A	32	5+11+16	23.4	1.8	26.9	1.9	1353
CL105-37x2x1.00-PIO	EPD103065A	37	1+6+12+18	24.9	1.8	28.5	1.8	1665

Component identification: Light Blue / White and sequentially numbered

First pair numbered 1/2, second pair numbered 3/4, third pair numbered 5/6 etc.

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. CL105-10x2x1.00-PIO-0 has a black jacket.

Cable to be marked "TE Connectivity – CL105-Yx2x1.00-PIO - 0.6/1kV -

IEC 60332-3-22 - Batch Number"

Y = Number of components as per column 3 above e.g. CL105-10x2x1.00-PIO.

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