Engineering Product Design

Product Construction:		Product Family:		Rev
C-Lite Multipair Individually Foil Screened, Jacketed Cables		**CL105-PI-1.50**		5

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Drawing for reference purposes only:

Components
CL105-DW-1.50

PET Tape

Jacket extruded Zerohal
(See below for jacket colour & mark)
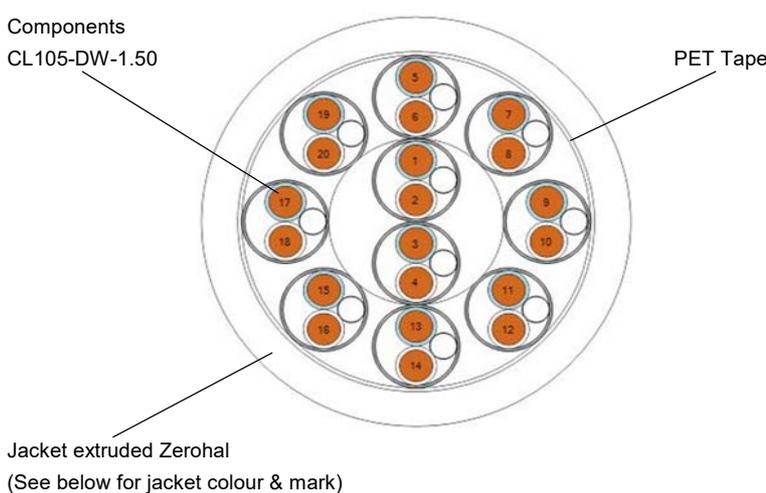
Controlled Customer Copy:

COMMERCIAL MARINE UK

Specifications:

WSD 2300

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)
CL105-1x2x1.50-PI	EPD102768A	1	1	4.4	1.0	6.4	0.4	73
CL105-2x2x1.50-PI	EPD102769A	2	2	8.8	1.2	11.2	0.7	179
CL105-3x2x1.50-PI	EPD102770A	3	3	9.1	1.2	11.5	0.7	211
CL105-4x2x1.50-PI	EPD103016A	4	4	10.1	1.2	12.5	0.8	265
CL105-7x2x1.50-PI	EPD102771A	7	1+6	12.6	1.3	15.2	1.0	406
CL105-8x2x1.50-PI	EPD109606A	8	2+6	13.6	1.4	16.3	1.1	463
CL105-10x2x1.50-PI	EPD102772A	10	2+8	14.6	1.4	17.4	1.1	562
CL105-12x2x1.50-PI	EPD109607A	12	3+9	16.0	1.5	18.9	1.3	666
CL105-14x2x1.50-PI	EPD102773A	14	4+10	17.2	1.5	20.2	1.3	769
CL105-15x2x1.50-PI	EPD109608A	15	5+10	17.8	1.6	20.9	1.5	825
CL105-16x2x1.50-PI	EPD109609A	16	5+11	18.5	1.6	21.6	1.5	881
CL105-19x2x1.50-PI	EPD103017A	19	1+6+12	20.1	1.6	23.3	1.5	1076
CL105-24x2x1.50-PI	EPD102774A	24	2+8+14	22.5	1.7	25.9	1.7	1344
CL105-27x2x1.50-PI	EPD109610A	27	3+9+15	24.0	1.8	27.5	1.9	1504
CL105-32x2x1.50-PI	EPD111540A	32	5+11+16	26.0	1.9	29.7	2.1	1806
CL105-37x2x1.50-PI	EPD102775A	37	1+6+12+18	27.9	1.9	31.7	2.1	2039

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. CL105-10x2x1.50-PI-0 has a black jacket.
Cable to be marked "TE Connectivity – CL105-Yx2x1.50-PI - 0.6/1kV - IEC 60332-3-22 - Batch Number"
Y = Number of components as per column 3 above e.g. CL105-10x2x1.50-PI.