Engineering Product Design

Product Construction:	Product Family:	Rev
C-Lite Multipair Overall Braid Screened, Jacketed Cables	**CL105-PO-0.50**	5

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Drawing for reference purposes only:

Components
CL105-0121-0.50

PET Tape

Jacket extruded Zerohal
(See below for jacket colour & mark)

Tinned Copper Braid
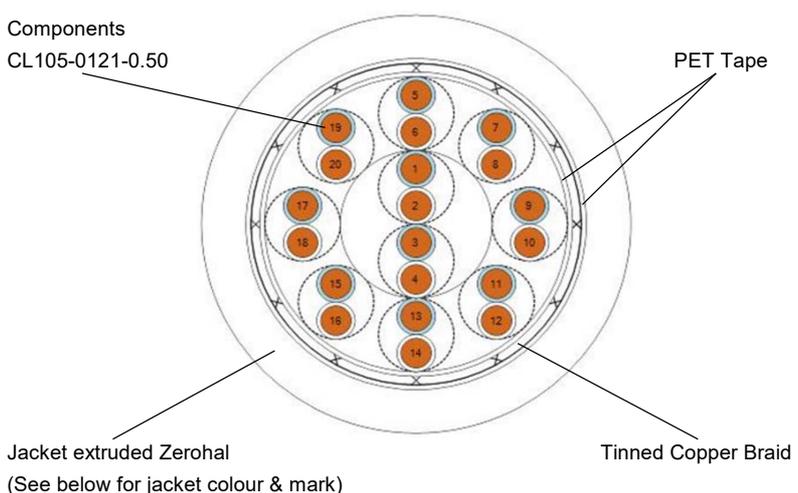
Controlled Customer Copy:

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)
CL105-1x2x0.50-PO	EPD102963A	1	1	3.6	1.0	5.6	0.3	48
CL105-2x2x0.50-PO	EPD102964A	2	2	4.2	1.0	6.2	0.4	68
CL105-3x2x0.50-PO	EPD102965A	3	3	6.3	1.1	8.5	0.6	109
CL105-4x2x0.50-PO	EPD102966A	4	4	7.0	1.1	9.2	0.6	130
CL105-5x2x0.50-PO	EPD115158A	5	F+5	7.7	1.1	10.0	0.7	150
CL105-7x2x0.50-PO	EPD102967A	7	1+6	8.4	1.1	10.6	0.7	178
CL105-8x2x0.50-PO	EPD109568A	8	2+6	9.0	1.2	11.3	0.8	198
CL105-10x2x0.50-PO	EPD102968A	10	2+8	9.7	1.2	12.1	0.8	236
CL105-12x2x0.50-PO	EPD109569A	12	3+9	10.5	1.3	12.9	0.9	274
CL105-14x2x0.50-PO	EPD102969A	14	4+10	11.3	1.3	13.9	0.9	312
CL105-15x2x0.50-PO	EPD109570A	15	F+5+10	11.6	1.3	14.2	0.9	332
CL105-16x2x0.50-PO	EPD109571A	16	F+5+11	12.1	1.3	14.7	1.0	352
CL105-19x2x0.50-PO	EPD102970A	19	1+6+12	13.1	1.3	15.7	1.0	412
CL105-24x2x0.50-PO	EPD102971A	24	2+8+14	14.6	1.4	17.4	1.2	504
CL105-27x2x0.50-PO	EPD109572A	27	3+9+15	15.7	1.5	18.5	1.3	562
CL105-32x2x0.50-PO	EPD111458A	32	F+5+11+16	17.0	1.5	20.0	1.4	626
CL105-37x2x0.50-PO	EPD102972A	37	1+6+12+18	18.2	1.5	21.2	1.4	754

Component identification:
Light Blue / White and sequentially numbered.
First pair numbered 1/2, second pair 3/4, third pair 5/6 etc.
2 pairs cabled as a quad, coloured and numbered as shown.
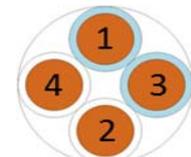
Jacket colour and marking:
Jacket colour to be determined by appending description with standard colour code designator. Colours: 0=Black, 2=Red, 3=Orange, 5=Green, 6=Blue, 8=Grey e.g. CL105-10x2x0.50-PO-0 has a black jacket.
Cable to be marked "TE Connectivity – CL105-Yx2x0.50-PO - 0.6/1kV - IEC 60332-3-22 - Batch Number"
Y = Number of components as per column 3 above e.g. CL105-10x2x0.50-PO.