



Engineering Product Design

Product Construction: C-Lite Multiconductor Overall Braid Screened, Jacketed Cables	Product Family: CL105-SO-1.50	Rev 6
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<p><i>Drawing for reference purposes only:</i></p>	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 Cores	Core Lay Up	OD under Jacket (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ± (mm)	Nom weight (kg/km)
CL105-2x1.50-SO	EPD101604A	2	2	5.0	1.0	7.0	0.4	85
CL105-3x1.50-SO	EPD101605A	3	3	5.3	1.0	7.3	0.5	104
CL105-4x1.50-SO	EPD101606A	4	4	5.8	1.0	7.8	0.5	122
CL105-5x1.50-SO	EPD103048A	5	F+5	6.4	1.1	8.6	0.6	150
CL105-7x1.50-SO	EPD101607A	7	1+6	7.0	1.1	9.2	0.6	187
CL105-10x1.50-SO	EPD109333A	10	2+8	9.0	1.2	11.3	0.8	263
CL105-12x1.50-SO	EPD101608A	12	3+9	9.5	1.2	11.9	0.8	299
CL105-14x1.50-SO	EPD103049A	14	4+10	10.0	1.2	12.4	0.8	337
CL105-19x1.50-SO	EPD101609A	19	1+6+12	11.2	1.2	13.6	0.9	432
CL105-24x1.50-SO	EPD103050A	24	2+8+14	13.4	1.3	16.0	1.0	558
CL105-27x1.50-SO	EPD101610A	27	3+9+15	13.7	1.3	16.3	1.1	611
CL105-37x1.50-SO	EPD101611A	37	1+6+12+18	15.7	1.4	18.5	1.2	828
CL105-50x1.50-SO	EPD115166A	50	4+10+15+21	18.6	1.6	21.8	1.5	1080

Component identification:	2 core: Light Blue / White and sequentially numbered. Others: White and sequentially numbered
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. CL105-10x1.50-SO-0 has a black jacket. Cable to be marked "TE Connectivity – CL105-Yx1.50-SO - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL105-10x1.50-SO.

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