



# Engineering Product Design

Product Construction: <b>C-Lite Multiconductor Unscreened, Jacketed Cables</b>	Product Family: <b>CL90-SU-1.50</b>	Rev 3
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<p><i>Drawing for reference purposes only:</i></p> <p>Components CL105-0111-1.50</p> <p>PET Tape</p> <p>Jacket extruded Zerohal (See below for jacket colour &amp; mark)</p>	<p>Controlled Customer Copy:</p> <p><b>COMMERCIAL MARINE UK</b></p> <p>Specifications:</p> <p><b>WSD 2300</b></p> <p>©2021 Tyco Electronics. All international rights reserved. This is a Class 2 confidential document belonging to Tyco Electronics. A Class 2 document may not be disclosed to any non-Tyco Electronics persons without written approval from an authorized Tyco Electronics manager and the signing of a Confidential Disclosure Agreement.</p>
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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)
CL90-2x1.50-SU	EPD110280A	2	2	4.3	1.0	6.3	0.4	64
CL90-3x1.50-SU	EPD110281A	3	3	4.6	1.0	6.6	0.4	82
CL90-4x1.50-SU	EPD110282A	4	4	5.1	1.0	7.1	0.5	97
CL90-5x1.50-SU	EPD110283A	5	F+5	5.7	1.0	7.7	0.5	119
CL90-7x1.50-SU	EPD110284A	7	1+6	6.3	1.1	8.5	0.6	158
CL90-10x1.50-SU	EPD110285A	10	2+8	8.3	1.2	10.6	0.7	228
CL90-12x1.50-SU	EPD110286A	12	3+9	8.8	1.2	11.2	0.7	259
CL90-14x1.50-SU	EPD110287A	14	4+10	9.3	1.2	11.7	0.8	295
CL90-19x1.50-SU	EPD110288A	19	1+6+12	10.5	1.2	12.9	0.8	385
CL90-24x1.50-SU	EPD110289A	24	2+8+14	12.6	1.3	15.2	1.0	488
CL90-27x1.50-SU	EPD110290A	27	3+9+15	12.9	1.3	15.5	1.0	540
CL90-37x1.50-SU	EPD110291A	37	1+6+12+18	14.7	1.4	17.5	1.1	725

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. CL90-12x1.50-SU-0 has a black jacket. Cable to be marked "TE Connectivity – CL90-Yx1.50-SU - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL90-12x1.50-SU.