



Engineering Product Design

Product Construction: C-Lite Multiconductor Overall Braid Screened, Jacketed Cables	Product Family: CL90-SO-1.00	Rev 3
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<p><i>Drawing for reference purposes only:</i></p> <p>Components CL105-0111-1.00</p> <p>PET Tape</p> <p>Jacket extruded Zerohal (See below for jacket colour & mark)</p> <p>Tinned Copper Braid</p>	<p>Controlled Customer Copy:</p> <p>COMMERCIAL MARINE UK</p> <p>Specifications:</p> <p>WSD 2300</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)
CL90-2x1.00-SO	EPD110292A	2	2	4.3	1.0	6.3	0.4	66
CL90-3x1.00-SO	EPD110293A	3	3	4.6	1.0	6.6	0.4	78
CL90-4x1.00-SO	EPD110294A	4	4	5.0	1.0	7.0	0.4	93
CL90-5x1.00-SO	EPD110295A	5	F+5	5.5	1.0	7.5	0.5	110
CL90-7x1.00-SO	EPD110296A	7	1+6	6.1	1.0	8.1	0.5	135
CL90-10x1.00-SO	EPD110297A	10	2+8	7.7	1.1	9.9	0.7	183
CL90-12x1.00-SO	EPD110298A	12	3+9	8.1	1.1	10.3	0.7	214
CL90-14x1.00-SO	EPD110299A	14	4+10	8.4	1.2	10.7	0.7	236
CL90-19x1.00-SO	EPD110300A	19	1+6+12	9.6	1.2	12.0	0.8	311
CL90-24x1.00-SO	EPD110301A	24	2+8+14	10.9	1.3	13.4	0.9	374
CL90-27x1.00-SO	EPD110302A	27	3+9+15	11.6	1.3	14.2	0.9	427
CL90-37x1.00-SO	EPD110303A	37	1+6+12+18	12.9	1.4	15.5	1.1	553

Component identification:	2 core: Light Blue / White. 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. CL90-12x1.00-SO-0 has a black jacket. Cable to be marked "TE Connectivity – CL90-Yx1.00-SO - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL90-12x1.00-SO.

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