



# Engineering Product Design

Product Construction: <b>C-Lite Fire Resistant Multiconductor Unscreened, Jacketed Cables</b>	Product Family: <b>CL90F-SU-1.50</b>	Rev 3
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<p><i>Drawing for reference purposes only:</i></p> <p>Components CL105-FP-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)
CL90F-2x1.50-SU	EPD110390A	2	2	5.7	1.1	7.7	0.5	76
CL90F-3x1.50-SU	EPD110391A	3	3	5.8	1.1	7.9	0.6	98
CL90F-4x1.50-SU	EPD110392A	4	4	6.5	1.1	8.6	0.6	122
CL90F-5x1.50-SU	EPD110393A	5	F+5	7.2	1.1	9.4	0.7	148
CL90F-7x1.50-SU	EPD110394A	7	1+6	8.0	1.2	10.3	0.7	196
CL90F-10x1.50-SU	EPD110395A	10	2+8	10.6	1.3	13.0	0.9	276
CL90F-12x1.50-SU	EPD110396A	12	3+9	11.0	1.3	13.5	0.9	322
CL90F-14x1.50-SU	EPD110397A	14	4+10	11.6	1.3	14.2	1.0	368
CL90F-19x1.50-SU	EPD110398A	19	1+6+12	13.2	1.4	15.8	1.1	483
CL90F-24x1.50-SU	EPD110399A	24	2+8+14	15.4	1.5	18.3	1.3	610
CL90F-27x1.50-SU	EPD110400A	27	3+9+15	16.3	1.5	19.2	1.3	677
CL90F-37x1.50-SU	EPD110401A	37	1+6+12+18	18.3	1.6	21.4	1.5	906

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. CL90F-12x1.50-SU-0 has a black jacket. Cable to be marked "TE Connectivity – CL90F-Yx1.50-SU - 0.6/1kV - IEC 60331-* (120) - IEC 60332-3-22 - Batch Number" * = 1 for cables > 20.0mm, 2 for cables =< 20.0mm Y = Number of components as per column 3 above e.g. CL90F-12x1.50-SU.

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