



# Engineering Product Design

Product Construction: <b>C-Lite Fire Resistant Multipair Overall Braid Screened, Jacketed Cables</b>	Product Family: <b>CL90F-PO-0.75</b>	Rev 3
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<p>Drawing for reference purposes only:</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 Pairs	Pair Lay Up	OD under jacket (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ± (mm)	Nom weight (kg/km)
CL90F-1x2x0.75-PO	EPD110436A	1	1	5.3	1.1	7.3	0.5	73
CL90F-2x2x0.75-PO	EPD110437A	2	2	6.2	1.1	8.3	0.6	104
CL90F-3x2x0.75-PO	EPD110438A	3	3	9.2	1.2	11.5	0.8	158
CL90F-4x2x0.75-PO	EPD110439A	4	4	10.2	1.3	12.6	0.9	195
CL90F-7x2x0.75-PO	EPD110440A	7	1+6	12.6	1.3	15.2	1.1	300
CL90F-8x2x0.75-PO	EPD110441A	8	2+6	13.5	1.4	16.2	1.1	342
CL90F-10x2x0.75-PO	EPD110442A	10	2+8	15.0	1.4	17.8	1.2	400
CL90F-12x2x0.75-PO	EPD110443A	12	3+9	16.2	1.5	19.1	1.3	489
CL90F-14x2x0.75-PO	EPD110444A	14	4+10	17.4	1.5	20.4	1.4	546
CL90F-15x2x0.75-PO	EPD110445A	15	F+5+10	18.0	1.6	21.0	1.5	580
CL90F-16x2x0.75-PO	EPD110446A	16	F+5+11	18.5	1.6	21.6	1.5	611
CL90F-19x2x0.75-PO	EPD110447A	19	1+6+12	20.3	1.7	23.5	1.6	744
CL90F-24x2x0.75-PO	EPD110448A	24	2+8+14	22.4	1.7	25.8	1.8	895
CL90F-27x2x0.75-PO	EPD113670A	27	3+9+15	23.6	1.8	27.1	1.9	961
CL90F-32x2x0.75-PO	EPD113671A	32	5+11+16	25.8	1.9	29.5	2.1	1164
CL90F-37x2x0.75-PO	EPD110449A	37	1+6+12+18	27.7	2.0	31.5	2.2	1319

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:	<p>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-12x2x0.75-PO-0 has a black jacket.</p> <p>Cable to be marked "TE Connectivity – CL90F-Yx2x0.75-PO - 150/250V - IEC 60331-* (120) - IEC 60332-3-22 - Batch Number"</p> <p>* = 1 for cables &gt; 20.0mm, 2 for cables =&lt; 20.0mm</p> <p>Y = Number of components as per column 3 above e.g. CL90F-12x2x0.75-PO.</p>	