



Engineering Product Design

Product Construction: C-Lite Multipair Individually Foil Screened, TPC Armoured, Jacketed Cables	Product Family: CL90-TPI-0.50	Rev 3
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<p><i>Drawing for reference purposes only:</i></p> <p>Components CL105-DW-0.50</p> <p>PET tape</p> <p>Bedding layer Zerohal - Black</p> <p>Jacket extruded Zerohal (See below for jacket colour & mark)</p> <p>Braided armour</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 Pairs	Pair Layout	OD over bundle (mm)	OD over bedding (mm)	OD over armour (mm)	Nom Wall (mm)	Nom OD (mm)	Tolerance ±(mm)	Nom Weight (kg/km)
CL90-1x2x0.50-TPI	EPD118773D	1	1	3.2	5.1	6.0	1.1	8.1	0.6	102
CL90-2x2x0.50-TPI	EPD118774D	2	2	5.7	7.8	8.7	1.2	11.0	0.8	176
CL90-3x2x0.50-TPI	EPD118775D	3	3	6.6	8.7	9.6	1.2	12.0	0.8	214
CL90-4x2x0.50-TPI	EPD118776D	4	4	7.3	9.5	10.4	1.2	12.8	0.9	242
CL90-7x2x0.50-TPI	EPD118777D	7	1+6	8.7	11.0	12.4	1.3	15.0	1.1	373
CL90-8x2x0.50-TPI	EPD118778D	8	2+6	9.4	11.8	13.2	1.4	15.9	1.1	407
CL90-10x2x0.50-TPI	EPD118779D	10	2+8	10.3	12.7	14.1	1.4	16.8	1.2	469
CL90-12x2x0.50-TPI	EPD118780D	12	3+9	11.1	13.5	14.9	1.4	17.7	1.2	518
CL90-14x2x0.50-TPI	EPD118781D	14	4+10	11.9	14.5	15.9	1.5	18.8	1.3	592
CL90-16x2x0.50-TPI	EPD118782D	16	5+11	12.7	15.3	16.7	1.5	19.6	1.4	636
CL90-19x2x0.50-TPI	EPD118783D	19	1+6+12	13.8	16.6	18.0	1.5	21.0	1.5	734
CL90-24x2x0.50-TPI	EPD118784D	24	2+8+14	15.5	18.4	19.8	1.6	23.0	1.6	878
CL90-32x2x0.50-TPI	EPD118785D	32	5+11+16	17.9	20.9	22.3	1.7	25.7	1.8	1087

Component identification:	Light Blue / White and sequentially numbered First pair numbered 1/2, second pair numbered 3/4, third pair numbered 5/6 etc.
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. CL90-12x2x0.50-TPI-0 has a black jacket. Cable to be marked "TE Connectivity – CL90-Yx2x0.50-TPI - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above
Other armour types available:	Galvanised steel (GPI), Bare copper (BPI), Copper alloy (API)