



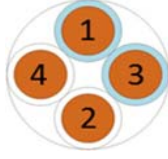
# Engineering Product Design

Product Construction: <b>C-Lite Multipair Overall Foil Screened, Jacketed Cables</b>	Product Family: <b>CL90-PF-0.50</b>	Rev 3
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Designer: <i>Paul Cleary</i>	Date: 21/05/2021	Product Manager: <i>James Rice</i>	Date: 21/05/2021	Page: 1 of 1
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<p>Drawing for reference purposes only:</p>	Controlled Customer Copy: <b>COMMERCIAL MARINE UK</b>
	Specifications: <b>WSD 2300</b>
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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)
CL90-2x2x0.50-PF	EPD112550A	2	2	3.7	1.0	5.7	0.4	51
CL90-3x2x0.50-PF	EPD112551A	3	3	5.7	1.0	7.7	0.5	85
CL90-4x2x0.50-PF	EPD112552A	4	4	6.3	1.1	8.5	0.6	106
CL90-7x2x0.50-PF	EPD112553A	7	1+6	7.8	1.1	10.0	0.7	152
CL90-8x2x0.50-PF	EPD112554A	8	2+6	8.3	1.2	10.6	0.7	170
CL90-10x2x0.50-PF	EPD112555A	10	2+8	9.9	1.2	12.3	0.8	210
CL90-12x2x0.50-PF	EPD112556A	12	3+9	10.9	1.3	13.4	0.9	246
CL90-14x2x0.50-PF	EPD112557A	14	4+10	11.5	1.3	14.1	0.9	281
CL90-15x2x0.50-PF	EPD112558A	15	5+10	12.0	1.3	14.6	1.0	297
CL90-16x2x0.50-PF	EPD112559A	16	5+11	12.1	1.3	14.7	1.0	313
CL90-19x2x0.50-PF	EPD112560A	19	1+6+12	13.3	1.3	15.9	1.1	360
CL90-24x2x0.50-PF	EPD112561A	24	2+8+14	14.8	1.4	17.6	1.2	446
CL90-27x2x0.50-PF	EPD112562A	27	3+9+15	15.2	1.4	18.0	1.2	494
CL90-32x2x0.50-PF	EPD112563A	32	5+11+16	15.9	1.5	18.8	1.3	520
CL90-37x2x0.50-PF	EPD112564A	37	1+6+12+18	18.1	1.5	21.1	1.4	655

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:	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-PF-0 has a black jacket. Cable to be marked "TE Connectivity - CL90-Yx2x0.50-PF - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL90-12x2x0.50-PF.	

Tyco Electronics UK Ltd  
Faraday Road  
Dorcan  
SWINDON  
SN3 5HH  
Tel: +44 (0)1793 528171  
Fax: +44 (0)1793 572516

TE Connectivity is a trading name of Tyco Electronics UK Ltd, which is registered in England and Wales, number 550926.  
Registered office: Faraday Road, Dorcan, Swindon, SN3 5HH  
Website: [www.te.com](http://www.te.com)

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