



Engineering Product Design

Product Construction: C-Lite Multipair Individually Foil Screened, Jacketed Cables	Product Family: CL105-PI-1.00	Rev 4
--	---	----------

Designer: <i>Paul Cleary</i>	Date: 13/11/2023	Product Manager: <i>James Rice</i>	Date: 13/11/2023	Page: 1 of 1
---------------------------------	---------------------	---------------------------------------	---------------------	-----------------

<p><i>Drawing for reference purposes only:</i></p>	Controlled Customer Copy: COMMERCIAL MARINE UK
	Specifications: WSD 2300
	Temperature rating: TE rated to +120°C, +90°C for marine classification ratings.

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)
CL105-1x2x1.00-PI	EPD103009A	1	1	3.7	1.0	5.5	0.4	55
CL105-2x2x1.00-PI	EPD103010A	2	2	7.5	1.1	9.7	0.6	133
CL105-3x2x1.00-PI	EPD102765A	3	3	7.7	1.1	9.9	0.6	159
CL105-4x2x1.00-PI	EPD103011A	4	4	8.6	1.1	10.8	0.7	198
CL105-7x2x1.00-PI	EPD102766A	7	1+6	10.7	1.2	13.1	0.9	306
CL105-8x2x1.00-PI	EPD109601A	8	2+6	11.6	1.3	14.1	1.0	349
CL105-10x2x1.00-PI	EPD102767A	10	2+8	12.4	1.3	15.0	1.0	423
CL105-12x2x1.00-PI	EPD109602A	12	3+9	13.5	1.4	16.2	1.1	501
CL105-14x2x1.00-PI	EPD103012A	14	4+10	14.6	1.4	17.4	1.1	579
CL105-15x2x1.00-PI	EPD109603A	15	5+10	15.6	1.5	18.6	1.3	620
CL105-16x2x1.00-PI	EPD109604A	16	5+11	15.7	1.5	18.6	1.3	661
CL105-19x2x1.00-PI	EPD103013A	19	1+6+12	17.1	1.5	20.1	1.3	773
CL105-24x2x1.00-PI	EPD103014A	24	2+8+14	19.1	1.6	22.3	1.4	965
CL105-27x2x1.00-PI	EPD109605A	27	3+9+15	20.3	1.7	23.5	1.6	1076
CL105-32x2x1.00-PI	EPD111539A	32	5+11+16	22.1	1.7	25.4	1.8	1163
CL105-37x2x1.00-PI	EPD103015A	37	1+6+12+18	23.7	1.7	27.1	1.8	1448

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. CL105-10x2x1.00-PI-0 has a black jacket. Cable to be marked "TE Connectivity – CL105-Yx2x1.00-PI - 0.6/1kV - IEC 60332-3-22 - Batch Number" Y = Number of components as per column 3 above e.g. CL105-10x2x1.00-PI.

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

This drawing and the information set forth herein are the property of Tyco Electronics UK Ltd, and are to be held in trust and confidence. Publication, duplication, disclosure or use for any purpose not expressly authorised in writing by Tyco Electronics UK Ltd is prohibited.

This specification sheet takes precedence over documents referenced herein. As Tyco Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyco Electronics UK Ltd to ensure that this document is the latest issue.