

Engineering Product Design

Product Construction:

C-Lite Fire Resistant Multipair Individually Foil Screened and Overall

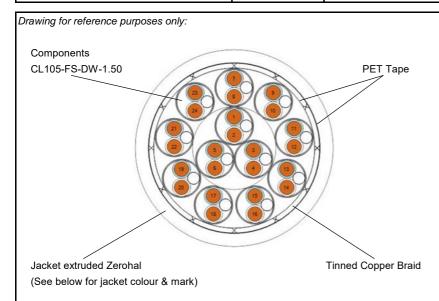
Braid Screened, Jacketed Cables

Product Family:

CL105F-PIO-1.50

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Designer:Date:Product Manager:Date:Page:Paul Cleary23/11/2023James Rice23/11/20231 of 1



Controlled Customer Copy:

COMMERCIAL MARINE UK

Specifications:

WSD 2300

Temperature rating:

TE rated to +120°C, +90°C for marine classification ratings.

Description	Internal	Number	Pair Lay	OD under	Nom Wall	Nom OD	Tolerance	Nom weight
	Reference	of Pairs	Up	jacket (mm)	(mm)	(mm)	± (mm)	(kg/km)
CL105F-1x2x1.50-PIO	EPD112210A	1	1	6.3	1.1	8.4	0.6	115
CL105F-2x2x1.50-PIO	EPD112211A	2	2	10.9	1.3	13.4	0.9	221
CL105F-3x2x1.50-PIO	EPD112212A	3	3	12.6	1.3	15.2	1.1	310
CL105F-4x2x1.50-PIO	EPD112213A	4	4	13.9	1.4	16.6	1.2	376
CL105F-7x2x1.50-PIO	EPD112214A	7	1+6	16.7	1.5	19.6	1.4	601
CL105F-8x2x1.50-PIO	EPD112215A	8	2+6	17.9	1.6	20.9	1.5	677
CL105F-10x2x1.50-PIO	EPD112216A	10	2+8	19.8	1.6	23.0	1.6	840
CL105F-12x2x1.50-PIO	EPD112217A	12	3+9	21.2	1.7	24.5	1.7	978
CL105F-14x2x1.50-PIO	EPD112218A	14	4+10	22.8	1.8	26.2	1.8	1118
CL105F-15x2x1.50-PIO	EPD112219A	15	5+10	23.5	1.8	27.0	1.9	1185
CL105F-16x2x1.50-PIO	EPD112220A	16	5+11	24.2	1.8	27.7	1.9	1257
CL105F-19x2x1.50-PIO	EPD112221A	19	1+6+12	26.5	1.9	30.2	2.1	1502
CL105F-24x2x1.50-PIO	EPD112222A	24	2+8+14	29.5	2.0	33.5	2.3	1842
CL105F-27x2x1.50-PIO	EPD112223A	27	3+9+15	31.2	2.1	35.3	2.5	2029
CL105F-32x2x1.50-PIO	EPD112224A	32	5+11+16	33.8	2.2	38.1	2.7	2398
CL105F-37x2x1.50-PIO	EPD112225A	37	1+6+12+18	36.2	2.3	40.7	2.8	2713

Component identification: Light Blue / White and sequentially numbered.

First pair numbered 1/2, second pair 3/4, third pair 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. CL105F-12x2x1.50-PIO-0 has a black jacket.

Cable to be marked "TE Connectivity - CL105F-Yx2x1.50-PIO - 150/250V -

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. CL105F-12x2x1.50-PIO.

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