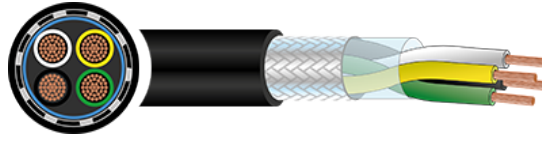


LI2YCY Multipair Twisted Data Cable



Description Overview

This is a Cleveland Cable 2 pair Overall screened multi pair cable for Data, and Instrumentation equipment. Can be used as signalling cable, control cable, measurements and transmission of low sensitive signals with high bit rates. NOT for power applications.

Key Features



Voltage Rating
300/500 Volts



Flame Retardancy
BS EN 60332-1-2



Temperature Limits
Fixed: -30°C to +80°C

Core Colours

Core IDs

Pair 1:



Pair 2:



Standards

Construction

- **Conductor:** Stranded copper conductor
- **Insulation:** Polyethylene (PE)
- **Sheath:** Polyvinyl Chloride (PVC)

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

LI2YCY Multipair Twisted Data Cable - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
LI2YCY2X2X0/5	0.5	2 Pair	9.7	116



LI2YCY DATA CABLE – ELECTRICAL CHARACTERISTICS

LOOP RESISTANCE	SHIELD DCR	CONDUCTOR TO CONDUCTOR CAPACITANCE	CONDUCTOR TO SHIELD CAPACITANCE	INDUCTANCE	IMPEDANCE	MAX RESISTANCE OF CONDUCTOR AT 20°C
78.4Ω/KM	30.5Ω/KM	60 pF/M @800Hz	160 pF/M @800Hz	0.65 μH/M	100 ± 15 Ω (> 1 MHz)	36

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.