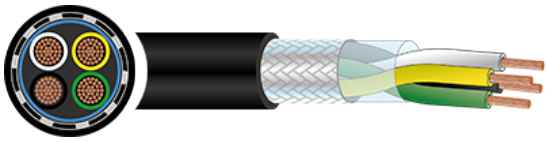
# LI2YCY Multipair Twisted Data Cable



## 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:**

Yellow | Black

**Pair 2:**

Green | White

## Standards

## Construction

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

## Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

**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.

ISO/IEC 17025 Accredited Testing Laboratory
31196

**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.

CLEVELAND CABLE COMPANY

**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 (mm2) | 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.