

Pro-Met 440/441



Industry Challenge

Customers are looking for Data Cables that used for flexible use with free movement without tensile stress or forced movement in dry, moist and wet rooms.

Alpha's Solution

LiYY & LiYCY data transmission cable is suitable for fixed installations or transient dynamic applications with minimum outer diameter for in door applications.

Key Features

- Multiconductor (440 Series)
- MultiPair (441 Series)
- Size 0.14 mm² - 1.5 mm²
- 2 to 50 conductors (440 Series) /2 to 25 pairs (441 Series) - Stranded Bare Copper (IEC 60228 Class 5)
- Unshielded & Braid Shield
- PVC Insulation
- Color: Grey (RAL 7032)



Industries

- Commercial Electronics
- Machinery & Tools
- Measure Equipments
- Office Equipments

Applications

- Control System
- Instrument System
- Computer System
- Security System - Alarm, Monitor, Sensor etc.

Pro-Met 440/441



Technical Specification

Conductor Material:

Stranded bare copper (IEC 60228)

Insulation & Jacket Material:

PVC (Polyvinyl Chloride)

Jacket Color:

Grey (RAL 7032)

Insulation Color:

DIN 47100

Flame Retardancy:

VDE 0482-332-1-2, DIN EN 60332-1-2,
IEC 60332-1-2, VW-1

Voltage Rating (Uo/U):

not for power applications

350V (0.14mm²)

500 V (0.25mm²-1.5mm²)

Oil Resistant:

DIN EN 50290-2-22 (TM54)

Temperature Range:

-5 °C ~ 70 °C (occasional movement)

-40 °C ~ +80 °C (Fixed Installation)

Bending Radius:

15x OD (Occasional movement)

6 x OD (Fixed installation)

Put Ups:

100m & 300m



RoHS
Compliant

Standards:

- DIN VDE 0295, IEC 60228, BS6360
- DIN EN 50290-2-21, DIN VDE 0207-363-3
- DIN VDE 0482-332-1-2, DIN EN 60332-1, IEC 60332-1, VW-1
- RoHS & REACH & CE Directives

Further Assistance:

Please contact your Alpha Wire representative or browse our website

WWW.ALPHAWIRE.COM