

### CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com

PVC data transmission cables LiYY with UL approval

UL Style 2464 80 ° C 300V

### STANDARDS

Product UL 2464

#### Application

These cable is used for data and signal transmission where high flexibility and oil resistance are required. It is therefore a suitable connection for electrical panels and sensors.

#### Product characteristics

- Flame retardant according to IEC 60332 - 1 - 2 and UL VW - 1
- Oil resistant according to EN 60811 - 2 - 1
- UV resistant (on request)

#### Design

##### Conductor

Bare copper stranded according to VDE 0295 cl. 5, IEC 60228 cl.5 and UL 1581 Tab. 20.1

##### Insulation

PVC compound according to UL Style 80 ° C 300V

Colour code: according to DIN 47100 (with colour repetition from 44 conductors)

##### Assembly

Conductors twisted in layers with talc

##### Sheath

PVC compound, oil resistant, flame retardant, according to UL Style 2464 80 ° C 300V

Colour code: Black Ral 9005 or Grey Ral 7001

## CHARACTERISTICS

Nominal outer diameter

-  
- mm<sup>2</sup>  
- mm

Operating voltage

300 V  
1500 V

Insulation resistance at 20 ° C

20 MOhm.km

Ambient static operating temperature, range

- 30 ... 80 ° C

Minimum bending radius, static (XD)

7.5