

CONTACT

Market information
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PVC data transmission cables LiYY with UL approval

UL Style 2464 80°C 300V

STANDARDS

Produkt 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**Konstruktionsmerkmale**

Leitungsaufbau	-
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Abmessungsmerkmale

Aderanzahl	-
Leiterquerschnitt	- mm ²
Außendurchmesser, nom.	- mm

Elektrische Eigenschaften

Betriebsspannung	300 V
Prüfspannung	1500 V
Isolationswiderstand 20°C	20 MOhm.km

Anwendungsmerkmale

Temperaturbereich bei fester Verlegung	-30 ... 80 °C
Biegeradius min. nach Verlegung (xD)	7,5