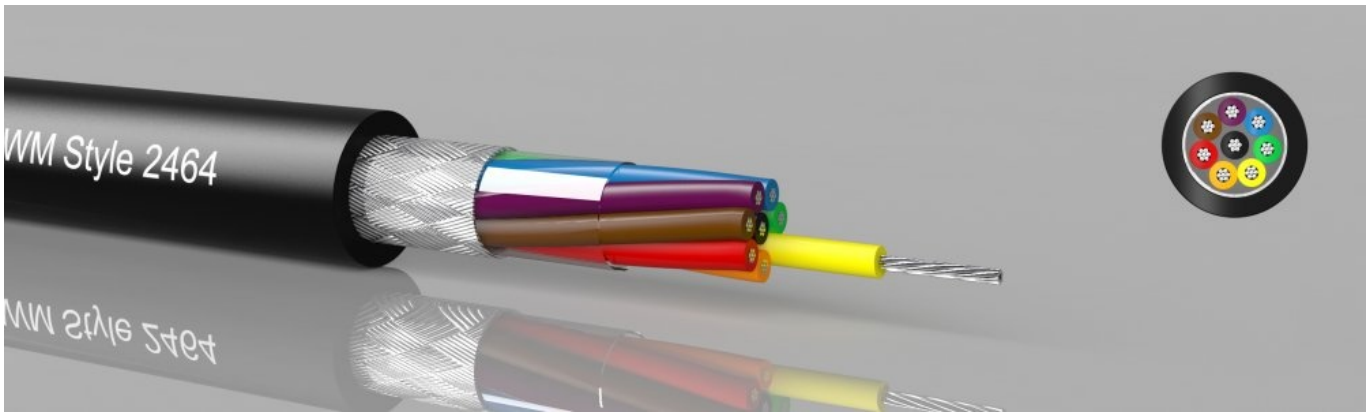
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# **UL-LiYCY** 4 x AWG 28

UL AWM 2464/2517-10002, shielded
Order-No. 096042809

## Application / Description

For connections in all fields of the measuring and control engineering as well as in signal and impulse technology. UL-specifications have to be matched for products which are exported to the American Market. Because of SR-PVC is used as core insulation, suitable for insulation displacement connectors (IDC). The outer jacket is to a very large extend resistant against oils, petrol, and weather-proof as well as UV-resistant by special PVC. The screening prevents electrical noice of influences to a large extend.

## Variant data

| | |
|---|---|
| O.D. | approx. 4,30 mm |
| weight | 26,9 kg/km |
| Cu-weigth | 10,7 kg/km |
| skinning tool (jacket) | 40025 |
| skinning tool (core) | 20310 |

## Construction / data

| | |
|---|---|
| Conductor | tinned stranded copper wire |
| Structure of conductor | 7 x 0,127 mm |
| Cross section | 0,09 qmm |
| Core-Ø | approx. 0,90 mm |
| AWG | AWG 28 |
| number of cores | 4 |
| Core insulation | PVC, semi-rigid |
| Colour sequence | international colour-code |
| Twisting | cores in layers |
| Overall shield | tinned copper braid, coverage approx. 85 % |
| Outer jacket | PVC |
| Outer jacket colour | black, sim. RAL 9005 |
| Dimension | 4 x AWG 28 |

## Technical characteristics

| | |
|---|---|
| Flammability | flame retardant acc. to VW-1 (UL), FT-1 (cUL) |
| Temperature range | static: -30 °C to +105 °C<br>dynamic: -15 °C to +105 °C<br>*UL 2517. Per UL 2464 only +80°C |
| Bending radius static | > 10 x O.D. |
| Bending radius dynamic | > 15 x O.D. |
| Operating capacity (C/C) | approx. 110 pF/m |
| Operating voltage | 300 V |
| Testing voltage | 2.000 V |
| Insulation resistance | > 20 MOHM x km at + 20°C |
| Conductor resistance | max. 237,0 Ohm/km |

## Packaging

Rings at 100m, Reels at 500m
Lower and upper lengths according to availability. Special packaging on request.

## Add-on information

Temperature rating per UL Style 2464 +80 °C, Style 2517 +105 °C, cUL +105°C

*Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!*
*Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel*

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