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UL-LiYCY 8 x AWG 28

UL AWM 2464/2517-10002, shielded
Order-No. 096082809

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 noise of influences to a large extend.



Variant data

O.D.	approx. 5,10 mm
weight	37,7 kg/km
Cu-weight	17,0 kg/km
skinning tool (jacket)	40025
skinning tool (core)	20300

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	8
Core insulation	Semi-Rigid-PVC
Colour sequence	international colour-code
Twisting	cores in layers
Overall shield	tinned copper braid, coverage approx. 85 %
Outer jacket	Special PVC, flame retardant acc. to UL-VW-1
Outer jacket colour	black, sim. RAL 9005
Dimension	8 x AWG 28

Technical characteristics

Temperature range	static: -30 °C to +105 °C dynamic: -15 °C to +105 °C *UL 2517. Per UL 2464 only +80°C
Bending radius	> 15 x O.D.
Operating capacity (C/C)	approx. 110 pF/m
Operating voltage	300 V
Testing voltage	1.500 V
Insulation resistance	> 100 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

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden.

Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer.

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