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UL-LiYY 3 x AWG 24

UL AWM 2464/2517-10002, unshielded
Order-No. 095032409

Application / Description

For connections in all fields of measuring and control engineering as well as in the 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, this model is very suitable for gumption clamping technology (e.g. LSA+). The outer jacket is to a very large extent resistant against oils, petrol- and weather-proof as well as uv-resistant by special-pvc.



Variant data

O.D.	approx. 4,20 mm
weight	25,0 kg/km
Cu-weight	6,4 kg/km
skinning tool (jacket)	40025
skinning tool (core)	20310 / 30900

Construction / data

Conductor	tinned stranded copper wire
Structure of conductor	7 x 0,20 mm
Conductor dimension	0,22 qmm
Core-Ø	approx. 1,15 mm
AWG	AWG 24
number of cores	3
Core insulation	Semi-Rigid-PVC
Core colour sequence	international colour-code
Twisting	cores in layers
Outer jacket	Special PVC, flame retardant acc. UL-VW-1
Outer jacket colour	black, sim. RAL 9005
Dimension	3 x AWG 24

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. 130 pF/m
Operating voltage	300 V
Testing voltage	1.500 V
Current capacity (at +25° C)	2,10 A (by respectively one core per cabel is loaded)
Insulation resistance	> 100MOHM x km at + 20°C
Conductor resistance	max. 88,0 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

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