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Style 1007/1569 AWG 20/18

Order-No. 0922018

Application / Description

Stranded wires acc. to UL are primarily used for the internal wiring in electrical equipment as well as electrical control boxes. Special PVC insulation is to a large extent steady against acids, caustic solutions and many oils.

Variant data

O.D.	approx. 1,90 mm
weight	8,7 kg/km
Cu-weight	5,6 kg/km
skinning tool	20100 / 20050

Construction / data

Conductor	tinned stranded copper wire
Structure of conductor	18 x 0,200 mm
Cross section	0,56 qmm
Core-Ø	approx. 1,90 mm
AWG	20
Core insulation	Special-PVC
Dimension	AWG 20/18

Technical characteristics

Temperature range	static: -30 °C to +105 °C (cUL +90 °C) dynamic: -5 °C to +105 °C (cUL +90 °C)
Bending radius static	> 10 x O.D.
Bending radius dynamic	> 15 x O.D.
Operating voltage	300 V
Testing voltage	3.000 V
Insulation resistance	> 100 MOhm x km at + 20°C

Packaging



Spools at 250m

Lower and upper lengths according to availability. Special packaging on request.

Add-on information

Flammability: flame retardant acc. to VW-1 (UL), FT-1 (cUL)

Temperature rating per UL Style 1007 +80°C, Style 1569 +105°C, cUL +90°C

Colours

the following colors are available from stock:

black, white, red, blue, orange, yellow, green, pink, brown, grey, violet, green-yellow
(not AWG 28)

(further colors as well as 2-colored versions are available on request)

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