

DESCAFIL UL-1316

AWG 18 - AWG 16

Solid wires PVC/Nylon, TFN Fixture Wire, 90°C 600 V UL/CSA

Application

As interconnecting wire in the mechanical engineering and machine tool construction, in the control technology, etc., for fixed installation in pipes and conduits, in dry and humid locations, etc..



Construction

Solid, bare copper
Insulation PVC with Nylon sheath

Technical Properties

Rated voltage U ₀ /U	600 V
Test voltage	3000 V
Temperature range	
- in dry environment	- 10°C ... + 90°C
- in humid environment	- 10°C ... + 75°C
Minimum bending radius	6 x outer diameter

Special Characteristics

Good resistance to oil, gasoline, acids and bases, suitable to be used in humidity, meets a high abrasion resistance.

Standards / Approvals

UL AWM Style 1316 105°C 600 V
AWM I A/B 105°C 600 V FT1
TFN Gas & Oil resistant

All packagings are delivered with UL and CSA Labels.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
18/1	2.00	8.30	10.10
16/1	2.20	13.00	14.90

Packaging	Lengths
Spools	152 m, 305 m or different
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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
18/1	164600	164601	164602	164603	164604	164606	164607	164608	164609	164610	164611	164612
16/1	164645	164646	164647	164648	164649	164651	164652	164653	164654	164655	164656	164657

on request

other versions