



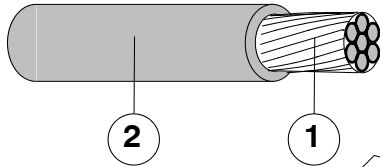
UL 3266 / CSA AWM I A/B Radox connecting leads

GENERAL PROPERTIES :

Excellent high temperature, low temperature, ozone and weathering resistance, flame retardant, highly abrasion resistant, soldering iron resistant, easy to strip and process, compatible to all common resins and varnishes, flexible.

APPLICATION :

For protected and fixed installation inside electrical equipment, especially suitable for the connection of motor windings, switchboards, relays, magnets and transformers.



1. Conductor : Stranded tin plated copper, flexible
2. Insulation : RADOX
extruded irradiation crosslinked polyolefin
Colours : diverse

Printing :

AWM Style 3266 125 °C 300V Huber + Suhner Switzerland Radox CSA AWM I A/B 125 °C 300V FT2 [Querschnitt]

Technical Data :

Voltage rating	300 V
Test voltage	2 000 V
Temperature rating	(UL/CSA temperature rating) + 125 °C
Minimum temperature	flexing - 25 °C
	fixed - 40 °C
Min. bending radius	fixed 3 x core dia.

The cables comply with the following standards:

Appliance wiring material	CSA C22.2 no. 210.2	AWM I A/B 125°C 300 V
Appliance wiring material	UL 758	Style 3266

The cables pass the following fire tests:

Horizontal flame spread FT2	L ≤ 100 mm	CSA C22.2 no. 0.3 # 4.11.2
Amount of halogen acid gas	HCl+HBr ≤ 0.5%	EN 50267-2-1, IEC 60754-1
Corrosivity of combustion gases	pH ≥ 4.3, σ ≤ 10 μS/mm	EN 50267-2-2, IEC 60754-2
Smoke density	T ≥ 60%	EN 61034-2, IEC 61034-2
Horizontal flame spread, Appliance-Wire	V ≤ 25 mm/Min.	UL 1581 # 1090

Approvals :

UL = Underwriters Laboratories File No. E63322
CSA = Canadian Standards Association Report No. 69581

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The product fulfils the test and specification requirements described in this document for the stated areas of application and operating conditions. HUBER+SUHNER AG does not expressly or implicitly guarantee performance under additional or changed conditions. Deviations are to be agreed upon in writing.

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Table 1 : Dimensions, weight

Cross section nom.		Conductor construction n x mmØ	Conductor max. mm	Core diameter D mm	Weight nom. kg / 100m
AWG	mm ²				
26	0.125	19 x 0.10	0.51	1.32 ± 0.05	0.32
24	0.25	19 x 0.13	0.61	1.45 ± 0.05	0.41
22	0.38	19 x 0.16	0.77	1.65 ± 0.10	0.53
20	0.62	19 x 0.20	0.99	1.85 ± 0.10	0.93
18	0.96	19 x 0.25	1.23	2.10 ± 0.10	1.13
(16)	1.50	19 x 0.31	1.52	2.41 ± 0.10	1.65
14	2.1	19 x 0.37	1.86	2.72 ± 0.10	2.33
12	3.3	37 x 0.35	2.35	3.21 ± 0.10	3.53
10	5.26	37 x 0.44	3.02	3.88 ± 0.10	5.61

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