



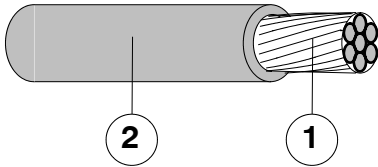
Radox 125 Connecting leads

GENERAL PROPERTIES :

Excellent high temperature, low temperature, ozone and weathering resistance, halogen free, flame retardant, soldering iron resistant, easy to strip and process, flexible.

APPLICATION :

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



1. Conductor : Stranded tin plated copper, according to IEC 228 cl.5
2. Insulation : RADOX 125 ,
extruded irradiation crosslinked polyolefin
Colours : diverse

Printing: HUBER + SUHNER SWITZERLAND RADOX 125 ...mm²

TECHNICAL DATA :

Temperature range - 40 ... + 125°C

TABLE 1 : Dimensions, conductor resistance, weight

Cross section nom. mm ²	Conductor construction nom. n x mmØ	Conductor diameter max. mm	Core diameter D mm	R ₂₀ IEC 228 max. Ω / km	Weight nom. kg / 100m	Nominal voltage V	Test voltage V	Min. bending radius mm
0.25	19 x 0.13	0.6	1.45 ± 0.05	85.9	0.4	450/750	2500	3 x D
0.34	19 x 0.16	0.8	1.60 ± 0.10	52.1	0.5	450/750	2500	3 x D
0.50	19 x 0.18	0.9	1.70 ± 0.10	40.1	0.7	450/750	2500	3 x D
0.75	24 x 0.20	1.15	2.20 ± 0.10	26.7	1.1	600/1000	3500	3 x D
1.0	32 x 0.20	1.3	2.60 ± 0.10	20.0	1.5	600/1000	3500	3 x D
1.5	30 x 0.25	1.55	2.73 ± 0.10	13.7	1.9	600/1000	3500	3 x D
2.5	48 x 0.25	2.05	3.50 ± 0.10	8.21	3.0	600/1000	3500	3 x D
4.0	56 x 0.30	2.6	4.15 ± 0.15	5.09	4.6	600/1000	3500	3 x D
6.0	81 x 0.30	3.4	4.95 ± 0.15	3.39	6.7	600/1000	3500	3 x D
10	78 x 0.40	4.4	6.15 ± 0.15	1.95	11	600/1000	3500	3 x D
16	119 x 0.40	5.4	7.35 ± 0.15	1.24	16.5	600/1000	3500	3 x D
25	182 x 0.40	6.7	8.9 ± 0.2	0.795	25	600/1000	3500	3 x D
35	206 x 0.40	7.9	10.3 ± 0.2	0.565	34.9	600/1000	3500	3 x D
50	378 x 0.40	9.4	12.1 ± 0.25	0.393	50	600/1000	3500	4 x D
70	348 x 0.50	11.5	14.4 ± 0.25	0.277	70.8	600/1000	3500	4 x D
95	444 x 0.50	12.9	16.0 ± 0.3	0.210	89	600/1000	3500	4 x D
120	570 x 0.50	15.1	18.6 ± 0.3	0.164	116	600/1000	3500	4 x D
150	722 x 0.50	17.0	20.5 ± 0.3	0.132	145	600/1000	3500	4 x D
185	874 x 0.50	18.5	22.2 ± 0.3	0.108	173	600/1000	3500	4 x D
240	1147 x 0.50	21.3	25.4 ± 0.3	0.0817	225	600/1000	3500	4 x D

Copyright 2009 Huber + Suhrner AG. This document may not be copied nor be passed on to third parties without our written permission.
Uncontrolled copy when printed (will not be updated).

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.

HUBER+SUHNER

Wire+Cable Division

CH-8330 Pfäffikon

+41 (0)44 952 22 11

+41 (0)44 952 26 40

www.hubersuhner.com



Radox 125

Connecting leads

The cables are in conformity with :

Halogen-free compound	fulfilled	EN 50363
Corrosivity of combustion gases	$\text{pH} \geq 4.3, \sigma \leq 10 \mu\text{S}/\text{mm}$	EN 50267-2-2
Amount of halogen acid gas	$\text{HCl}+\text{HBr} \leq 0.5\%$	EN 50267-2-1
Content of fluorine	$\text{HF} \leq 0.1\%$	EN 60684-2, # 45.2

