



Radox 125

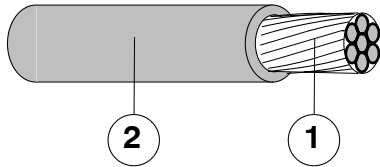
Connecting leads

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	50 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	6.5	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	266 x 0.40	7.9	10.3 ± 0.2	0.565	34.5	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	68	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	551 x 0.50	14.8	18.1 ± 0.3	0.164	110	600/1000	3500	4 x D
150	722 x 0.50	17.0	20.5 ± 0.3	0.132	142	600/1000	3500	4 x D
185	874 x 0.50	18.5	22.2 ± 0.3	0.108	171	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

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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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The cables pass the following fire tests

Amount of halogen acid gas	0 mg/g	IEC 60754-1, EN 50267-2-1
Corrosivity of combustion gases		IEC 60754-2, EN 50267-2-3
Smoke density		IEC 61034-2, EN 50268-2

