



Radox 155 S

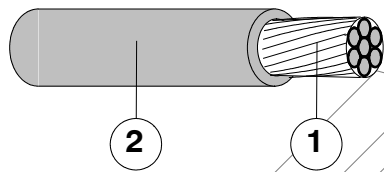
Connecting leads

GENERAL PROPERTIES :

Excellent high temperature, low temperature, ozone and weathering resistance, flame retardant, easy to strip and process, soldering iron resistant, high abrasion resistance, resistant to hydrolysis, oil und fuels. 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, magnets and transformers.



1. Conductor : Stranded tin plated copper, according to IEC 228 cl.5
2. Insulation : RADOX 155S , extruded irradiation crosslinked polyolefin
Colours : diverse

TECHNICAL DATA :

Temperature range - 55 ... + 155 °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
0.14	19 x 0.10	0.5	1.40 ± 0.05	135.5	0.3	450/750	2500	3 x D
0.25	19 x 0.13	0.6	1.45 ± 0.05	85.9	0.4	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	2.70 ± 0.10	13.7	1.9	600/1000	3500	3 x D
2.5	48 x 0.25	2.05	3.00 ± 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	4.5	600/1000	3500	3 x D
6.0	81 x 0.30	3.4	5.20 ± 0.15	3.39	6.6	600/1000	3500	3 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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