



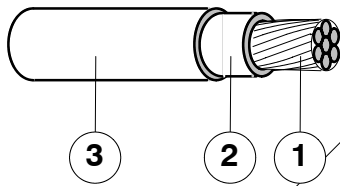
Single cores 4412A1

General properties :

Excellent high and low temperature resistance, ozone and weathering resistance, flame retardant, easy to strip and process, high resistance to heat pressure, chemicals and abrasion. Design and dimensions according to MIL-W-81044.

Application :

For protected installations inside electrical equipment, elements of control and power cables and system cables.



1. Conductor : Stranded tin plated copper
2. Insulation 1: Polyalken extruded Polyalken, crosslinked
3. Insulation 2: XLPVDF extruded Polyvinylidenfluorid, crosslinked
Colours : diverse

Technical data:

Nominal voltage	600	V
Test voltage AC	2 500	V
Max. operating temperature	+ 150	°C
Min. operating temperature	- 65	°C
Min. bending radius	3 x D	mm

Cross section nom.		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
AWG	mm ²					
28	0.09	7 x 0.13	0.40	0.76 ± 0.05	225.1	0.13
26	0.15	19 x 0.10	0.51	0.87 ± 0.05	135.5	0.19
24	0.25	19 x 0.13	0.61	1.02 ± 0.05	85.96	0.30
22	0.38	19 x 0.16	0.77	1.18 ± 0.05	53.15	0.43
20	0.60	19 x 0.20	0.99	1.40 ± 0.05	32.42	0.65
18	0.93	19 x 0.25	1.23	1.66 ± 0.05	20.44	0.95
16	1.25	19 x 0.29	1.40	1.83 ± 0.05	15.78	1.30
14	1.93	19 x 0.36	1.68	2.27 ± 0.08	10.04	1.97
12	2.97	37 x 0.32	2.22	2.75 ± 0.08	6.63	2.87

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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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