



Automotive cable, tinned/bare copper flexible **DRAFT**

PVDF-X FLR Anticapillary

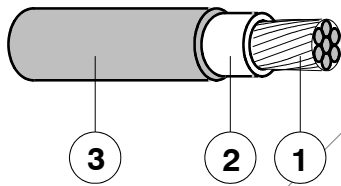
General Properties:

Excellent resistance to high and low temperature, ozone, UV and weathering resistance, resistant to pressure at high temperature, motor oil, fuels and hydrolysis, flame retardant, high abrasion resistant, solder iron resistant, easy to strip and process, according to ISO 6722 class D.

Complies with EU- directive 2000/53/EG on end of life vehicles. It is free from lead, mercury, cadmium and chrome VI.

Application:

Low voltage anticapillary cable, for use in road vehicle applications.



1. Conductor: Stranded tinned/bare copper, silicone filled
2. Insulation 1: Polyalken extruded Polyalken, crosslinked
3. Insulation 2: PVDF-X extruded Polyvinylidenfluorid, crosslinked
Colours: various

Technical Data:

Voltage rating	≤ 0.5 mm ²	60 V
	> 0.5 mm ²	600V
Test voltage AC	< 0.5 mm ²	3'000 V
	0.5 mm ²	5'000 V
	> 0.5 mm ²	8'000 V
Temperature range (3'000 h)		- 40 ... + 150 °C
Min. bending radius	fixed	3 x cable D
	flexing	5 x cable D
Recommended for use, minimum length		200 mm

Dimensions according to DIN 72551 part 6

Cross-section Nominal mm ²	Number of individual wires	Diameter of individual wires max. mm	Conductor		Core		
			Diameter max. mm	Resistance at 20° C max Ω/km tinned bare	Wall thickness min. mm	Diameter mm	
0.5	19	0.19	1.0	38.2	37.1	0.22	1.5 ± 0.1
0.75	19	0.23	1.2	25.4	24.7	0.24	1.8 ± 0.1
1	19	0.26	1.35	19.1	18.5	0.24	2.0 ± 0.1
1.5	19	0.32	1.7	13.0	12.7	0.24	2.3 ± 0.1
2.5	19	0.42	2.2	7.82	7.60	0.28	2.85 ± 0.15

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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.

HUBER+SUHNER
Low Frequency Division

CH- 8330 Pfäffikon



+41 (0)44 952 22 11



+41 (0)44 952 26 40

www.hubersuhner.com