

AVX  
HEAT-RESISTANT CROSSLINKED VINYL INSULATED LOW-VOLTAGE CABLE

# 自動車用架橋塩化ビニル耐熱低圧電線

Features

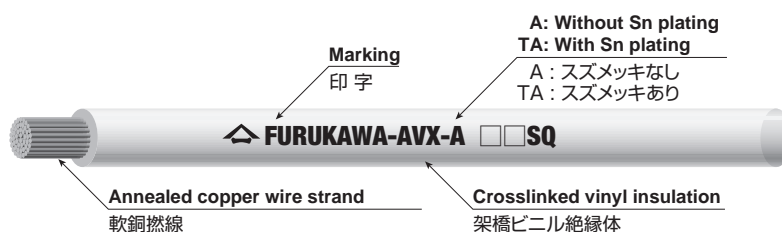
- 特長**
- AVより耐熱性を大幅に向上させ、自動車用の配線雰囲気の温度上昇に対応でき信頼性の高い配線が可能。
  - 耐熱区分：100℃
  - Significantly improved than AV in heat resistance, enabling high-reliability wiring to cope with temperature increases in automobile's wiring environments.
  - Heat resistance category : 100 °C

Standard

- 規格** ● JASO D 611

Construction and performance

構造  
性能



構成 Composition

Nominal size 呼び	Conductor 導体 (軟銅撚線) Annealed copper wire strand			Insulation 絶縁体		Reference 参考		
	Construction (No/mm) 構成 (本/mm)	Calculated area (mm <sup>2</sup> ) 計算断面積	Outer diameter (mm) 外径	Thickness (mm) 厚さ	Outside diameter (mm) 仕上外径	Resistance 20°C (Ω/m) 導体抵抗	Mass (g/m) 製品質量	Allowable current (A) 許容電流
	0.5f	20/0.18	0.5087	1.0	0.6	2.2	0.0367	9
0.5	7/0.32	0.5629	1.0	0.6	2.2	0.0327	9	12
0.75f	30/0.18	0.7630	1.2	0.6	2.4	0.0244	11	15
0.85	11/0.32	0.8846	1.2	0.6	2.4	0.0208	13	16
1.25f	50/0.18	1.273	1.5	0.6	2.7	0.0147	17	20
1.25	16/0.32	1.287	1.5	0.6	2.7	0.0143	17	21
2	26/0.32	2.091	1.9	0.6	3.1	0.00881	25	28
3	41/0.32	3.297	2.4	0.7	3.8	0.00559	39	38
5	65/0.32	5.228	3.0	0.8	4.6	0.00352	60	51
8	50/0.45	7.952	3.7	0.9	5.5	0.00232	90	66
10	63/0.45	10.02	4.5	1.0	6.5	0.00184	110	79
15	84/0.45	13.36	4.8	1.1	7.0	0.00138	150	92

※許容電流は、導体最高許容温度100℃、周囲温度60℃の場合の計算値です。

The allowable current is calculated at maximum allowable conductor temperature of 100°C and ambient temperature of 60°C.

【自動車用電線】  
Automotive Wires