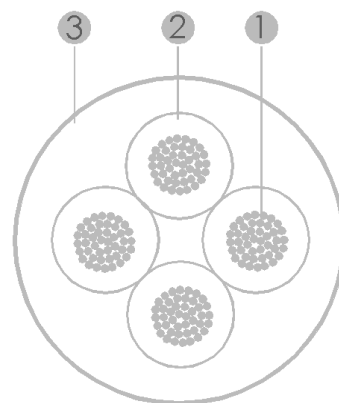
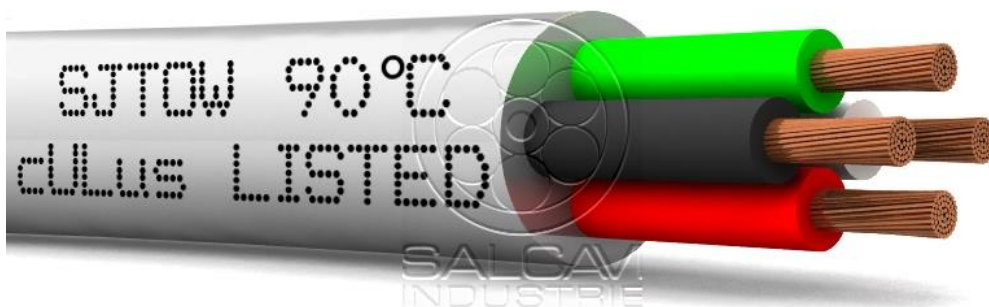


Flexible Cord SJTOW OIL & WATER RESISTANT - FOR OUTDOOR USE



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo flessibile in PVC resistente agli oli e all'acqua, adatto per applicazioni pesanti. Idoneo per cablaggi in officine meccaniche, per collegamento di strumenti e luci portatili, motori, attrezzature per pulizia e manutenzione di pavimenti e impianti di sanificazione. E' anche suggerito per cablaggi di apparecchiature ospedaliere, apparecchiature audio, e più in generale di tutti quei dispositivi che devono operare all'esterno.

Oil and water resistant PVC flexible cable for hard usage, designed for wiring in mechanical workshops, interconnection of portable tools and lamps, motors, floor cleaning and maintenance equipment and sanitizing systems. It is also recommended for interconnection of hospital equipment, sound equipment and, more generally, of all devices that must operate outdoor,

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile in rame elettrolitico rosso
Electrolytic bare flexible copper conductor
2. Isolamento in speciale PVC con resistenza al calore
Special PVC insulation with heat resistance
3. Guaina in speciale mescola di PVC con resistenza agli UV, all'acqua e agli oli.
Special PVC compound outer sheath with resistance to UV exposure, water and oil contact

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Temperatura utilizzo <i>Temperature range</i>		- 40 ÷ 105 °C (@ fixed installation) - 20 ÷ 105 °C (for dynamic applications)	Resistenza alla fiamma <i>Flame resistance</i>		VW-1
Tensione di esercizio <i>Rated voltage</i>		300 V _{AC}	Raggio di curvatura <i>Bending radius</i>		≥ 8 x D (@ fixed installation) ≥ 12 x D (for dynamic applications)
Tensione di prova <i>Test voltage</i>		3000 V _{AC}	Idoneo per posa mobile <i>Suitable for mobile installation</i>		
Idoneo per uso esterno <i>Suitable for outdoor use</i>		UL 62 and C22.2 No. 49 clauses 5.1.6, 5.1.7 UL 2556 and C22.2 No. 2556 clause 4.2.8.5	Resistenza agli oli <i>Oil resistance</i>		UL 2556 clause 4.2.8.3, C22.2 No. 2556
Resistenza agli agenti atmosferici <i>Weather resistance</i>		UL 62 and C22.2 No. 49 clauses 5.1.6, 5.1.7 UL 2556 and C22.2 No. 2556 clause 4.2.8.5	Resistenza all'acqua <i>Water resistance</i>		UL 62 and C22.2 No. 49 clauses 5.2.2, 5.2.4.1, 5.2.4.2, 5.2.3 UL 2556 and C22.2 No. 2556 clauses 6.2, 6.4, 6.5, 6.6

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Sezione Size conductor	Formazione conduttore Conductor stranding [N° x mm]	Resistenza elettrica Electrical resistance [Ω /Km]	Diametro su isolamento Diameter on insulation [mm]	Spessore di isolamento Radial thickness of insulation [mm / mils]
AWG 18	28 x 0.193	≤ 22.4	2.8 ± 0.1	$\geq 0.76 / 30$
AWG 16	44 x 0.193	≤ 14.1	3.1 ± 0.1	$\geq 0.76 / 30$
AWG 14	72 x 0.193	≤ 8.88	3.6 ± 0.1	$\geq 0.76 / 30$
AWG 12	74 x 0.243	≤ 5.58	3.95 ± 0.1	$\geq 0.76 / 30$
AWG 10	106 x 0.254	≤ 3.51	5.6 ± 0.1	$\geq 1.14 / 45$

Sezione Size conductor	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm / mils]
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2 x AWG 18	7.2 ± 0.2	$\geq 0.76 / 30$
3 x AWG 18	7.7 ± 0.2	
4 x AWG 18	8.4 ± 0.2	
5 x AWG 18	9.1 ± 0.2	
6 x AWG 18	9.9 ± 0.2	

2 x AWG 16	8.05 ± 0.2	$\geq 0.76 / 30$
3 x AWG 16	8.6 ± 0.2	
4 x AWG 16	9.2 ± 0.2	
5 x AWG 16	10.2 ± 0.2	
6 x AWG 16	11.2 ± 0.2	

2 x AWG 14	9.05 ± 0.2	$\geq 0.76 / 30$
3 x AWG 14	9.8 ± 0.2	
4 x AWG 14	10.5 ± 0.2	
5 x AWG 14	11.5 ± 0.2	
6 x AWG 14	12.6 ± 0.2	

Sezione Size conductor	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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2 x AWG 12	10.4 ± 0.2	$\geq 1.14 / 45$
3 x AWG 12	11.0 ± 0.2	
4 x AWG 12	12.2 ± 0.2	
5 x AWG 12	13.4 ± 0.2	
6 x AWG 12	14.6 ± 0.2	

2 x AWG 10	14.4 ± 0.2	$\geq 1.52 / 60$
3 x AWG 10	15.2 ± 0.3	
4 x AWG 10	16.7 ± 0.3	
5 x AWG 10	18.5 ± 0.3	
6 x AWG 10	20.3 ± 0.4	

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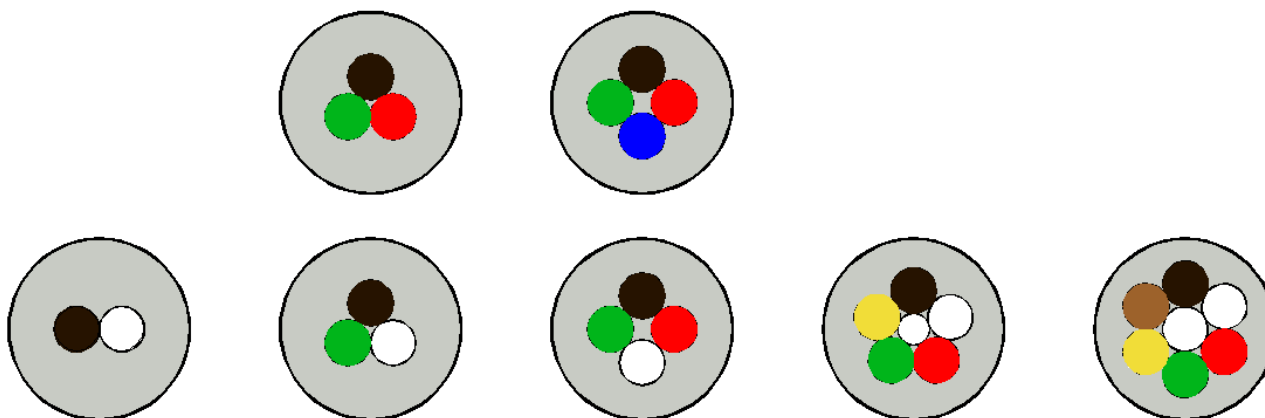
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Riferimento normativo <i>Standard reference</i>	UL 62, UL 1581, C22.2 No. 49 UL file No. E212322
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in rame elettrolitico rosso, conforme alle norme UL 62, UL 1581 <i>Electrolytic bare flexible copper conductor conforming to UL 62 and UL 1581 requirements</i>
Isolamento <i>Insulation</i>	Speciale PVC con elevata resistenza al calore conforme alla classe 7 della Tabella 8 della norma UL 62 <i>Special PVC with high heat resistance conforming to Class 7 of Table 8 of standard UL 62</i>
Colore isolamento <i>Color of insulation</i>	Secondo UL 62 <i>Conforming to UL 62</i>
Riunitura <i>Cable assembly</i>	Le anime vengono riunite insieme, secondo i passi specificati dalla Tabella 10 della norma UL 62, e se necessario con filato in poliestere. <i>The inner cores are twisted together with length of lay conforming to Table 10 of UL 62 standard, and if it is necessary, together with a polyester filler.</i>
Guaina esterna <i>Outer sheath</i>	Speciale miscela di PVC con elevata resistenza al calore e agli oli, (conforme alla classe 1.7 della Tabella 11 della norma UL 62), all'esposizione agli UV e all'acqua. <i>Special PVC compound with high heat and oil resistance (conforming to Class 1.7 of Table 11 of standard UL 62), suitable for UV exposure and wet installations.</i>
Colore guaina <i>Color of sheath</i>	Su richiesta del cliente, da tabella RAL <i>On customer's request, according to RAL table</i>
Marcatura ad inchiostro <i>Ink printing</i>	SALCAVI TECHNIC SPA ITALY SJTOW No. conduttori X sezione AWG 300V 105°C VW-1 (UL) c(UL) E212322 - 40°C WATER RESISTANT 60°C OIL RESISTANT 60°C MM/AA <i>SALCAVI TECHNIC SPA ITALY SJTOW No. of conductors X AWG size (mm² size) 300V 105°C VW-1 (UL) c(UL) E212322 - 40°C WATER RESISTANT 60°C OIL RESISTANT 60°C MM/AA</i>

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MULTICORE CABLES WITH GROUNDING CONDUCTOR



MULTICORE CABLES WITHOUT GROUNDING CONDUCTOR

