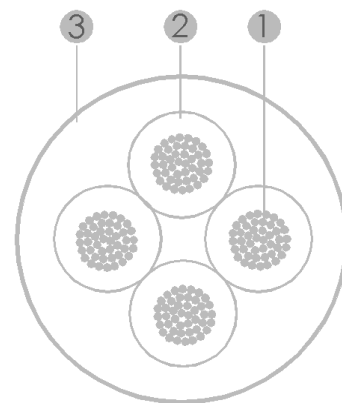


Flexible Cord SJTW WATER RESISTANT - FOR OUTDOOR USE



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo flessibile in PVC resistente all'acqua, idoneo per cablaggi di piccole apparecchiature e dispositivi in ambienti bagnati e asciutti e, più in generale, di tutti quei dispositivi che devono operare all'esterno (attrezzature da giardinaggio, aspirapolveri, taglia-erba, etc.)

Water resistant PVC flexible cables designed for wiring of small appliances equipment and, more generally, of all devices that have to operate outdoor (gardening tools, shop-vacs, weed whackers, etc.)

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 high heat resistance
3. Guaina in speciale mescola di PVC con resistenza all'acqua e ai raggi UV.
Special PVC compound outer sheath with resistance to water and UV exposure

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Temperatura utilizzo
Temperature range



- 40 ÷ 90 °C
(@ fixed installation)
- 20 ÷ 90 °C
(for dynamic applications)

Tensione di esercizio
Rated voltage



300 V_{AC}

Tensione di prova
Test voltage



3000 V_{AC}

Idoneo per uso esterno
Suitable for outdoor use



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 agenti
atmosferici
Weather resistance



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 alla fiamma
Flame resistance



VW-1

Raggio di curvatura
Bending radius



≥ 8 x D
(@ fixed installation)
≥ 12 x D
(for dynamic applications)

Idoneo per posa mobile
Suitable for mobile installation



Resistenza all'acqua
Water resistance



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,

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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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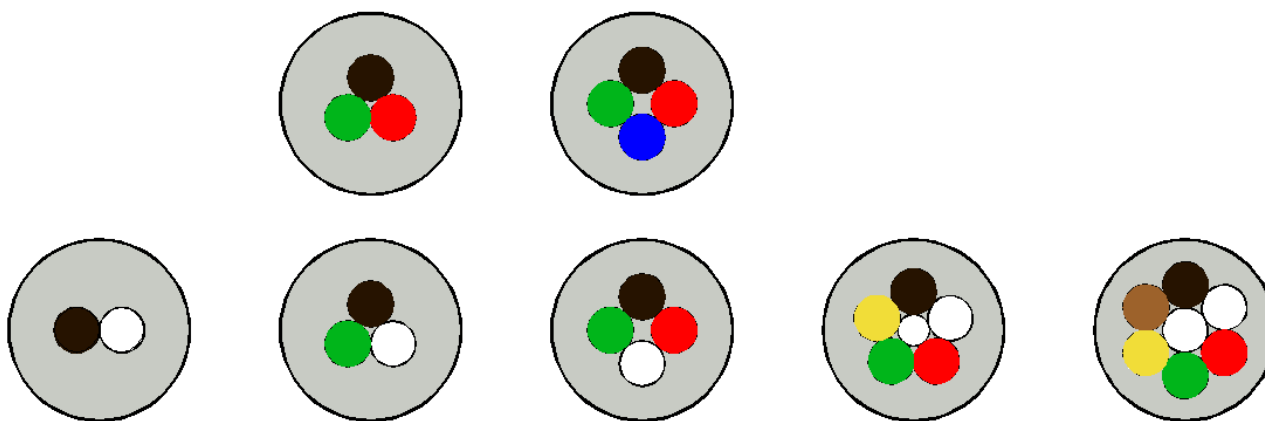
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Riferimento normativo <i>Standard reference</i>	UL 62, UL 1581, C22.2 No. 49 UL file No. E212322
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in rame elettrolitico rosso, conforme alle norme UL 62, UL 1581 <i>Electrolytic bare flexible copper conductor conforming to UL 62 and UL 1581 requirements</i>
Isolamento <i>Insulation</i>	Speciale PVC con resistenza al calore conforme alla classe 7 della Tabella 8 della norma UL 62 <i>Special PVC with 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 resistenza al calore, (conforme alla classe 1.7 della Tabella 11 della norma UL 62), all'esposizione agli UV e all'acqua. <i>Special PVC compound with heat 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 SJTW No. conduttori X sezione AWG 300V 90°C VW-1 (UL) c(UL) E212322 - 40°C WATER RESISTANT 60°C MM/AA <i>SALCAVI TECHNIC SPA ITALY SJTW No. of conductors X AWG size (mm² size) 300V 90°C VW-1 (UL) c(UL) E212322 - 40°C WATER RESISTANT 60°C MM/YY</i>

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MULTICORE CABLES WITH GROUNDING CONDUCTOR



MULTICORE CABLES WITHOUT GROUNDING CONDUCTOR

