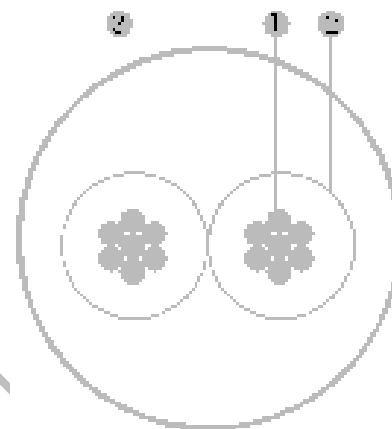


Cavi trasparenti tondi in PVC FROR PVC jacketed transparent round cables FROR



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo flessibile trasparente con e guaina in PVC, idoneo per cablaggio di apparecchiature elettroniche e dispositivi per il settore illuminazione

Transparent PVC jacketed and insulated cable that is intended for wiring of electronic equipment and lighting appliances.

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile a corda concentrica in rame elettrolitico stagnato.
Flexible concentric rope electrolytic tinned copper conductor
2. Isolamento in PVC trasparente TI2
Transparent TI2 PVC insulation
3. Guaina in PVC trasparente TM2
Transparent TM2 PVC outer sheath

Temperatura utilizzo
Temperature range



-20 ÷ 70 °C
(@ fixed installation)

Tensione di esercizio
Rated voltage



300/300 V_{AC}

Tensione di prova
Test voltage



2000 V_{AC}

Resistenza alla fiamma
Flame resistance



IEC 60332-1-2
CPR class Eca

Idoneo per posa interna
Suitable for indoor use



Idoneo per posa fissa
Suitable for fixed installation



Raggio di curvatura
Bending radius



≥ 10 x D
(@ fixed installation)

Sezione Size conductor [mm ²]	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]
0.50	19 x 0.180	≤ 40.1	1.85 ± 0.1	≥ 0.45
0.75	19 x 0.224	≤ 26.7	1.95 ± 0.1	≥ 0.50
1	19 x 0.254	≤ 20.0	2.2 ± 0.1	≥ 0.50
1.5	19 x 0.320	≤ 13.7	2.7 ± 0.1	≥ 0.50
2.5	19 x 0.410	≤ 7.98	3.4 ± 0.1	≥ 0.70

Sezione Size conductor [mm ²]	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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2 x 0.50	(4.9 ± 0.2)	≥ 0.50
3 x 0.50	(5.1 ± 0.2)	≥ 0.50
4 x 0.50	(5.8 ± 0.2)	≥ 0.60
5 x 0.50	(6.4 ± 0.2)	≥ 0.70
6 x 0.50	(7.1 ± 0.2)	≥ 0.70
7 x 0.50	(7.1 ± 0.2)	≥ 0.70

2 x 0.75	(5.5 ± 0.2)	≥ 0.70
3 x 0.75	(5.5 ± 0.2)	≥ 0.70
4 x 0.75	(6.2 ± 0.2)	≥ 0.80
5 x 0.75	(7.1 ± 0.2)	≥ 0.90
6 x 0.75	(7.6 ± 0.2)	≥ 0.90
7 x 0.75	(7.6 ± 0.2)	≥ 0.90

2 x 1	(5.7 ± 0.2)	≥ 0.60
3 x 1	(6.0 ± 0.2)	≥ 0.60
4 x 1	(7.2 ± 0.2)	≥ 0.90
5 x 1	(7.8 ± 0.2)	≥ 0.90
6 x 1	(8.4 ± 0.2)	≥ 0.90
7 x 1	(8.4 ± 0.2)	≥ 0.90

Sezione Size conductor	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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2 x 1.5	(7.3 ± 0.2)	≥ 0.90
3 x 1.5	(7.9 ± 0.2)	≥ 1.0
4 x 1.5	(8.6 ± 0.2)	≥ 1.0
5 x 1.5	(9.4 ± 0.2)	≥ 1.0
6 x 1.5	(10.0 ± 0.3)	≥ 1.0
7 x 1.5	(10.0 ± 0.3)	≥ 1.0

2 x 2.5	(8.8 ± 0.2)	≥ 1.0
3 x 2.5	(9.4 ± 0.2)	≥ 1.0
4 x 2.5	(10.2 ± 0.3)	≥ 1.0
5 x 2.5	(11.2 ± 0.3)	≥ 1.0
6 x 2.5	(12.2 ± 0.3)	≥ 1.0
7 x 2.5	(12.2 ± 0.3)	≥ 1.0

Riferimento normativo <i>Standard reference</i>	Direttiva Europea Bassa Tensione No. 2014/35/UE, Regolamento Europeo 305/2011 (CPR), DoP No. 0031 <i>Low Voltage European Directive No. 2014/35/EU, European Regulation 305/2011 (CPR), DoP No. 0031</i>
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile a corda concentrica in rame elettrolitico stagnato, conforme alla norma IEC 60228. <i>Electrolytic tinned copper flexible concentric rope conductor , conforming to IEC 60228 requirements.</i>
Isolamento <i>Insulation</i>	PVC TI2 conforme alla norma EN 50363-3, durezza (94 ± 2) Sh-A <i>TI2 PVC conforming to EN 50363-3 standard, hardness (94 ± 2) Sh-A</i>
Colore isolamento <i>Color of insulation</i>	Trasparente, oppure polarizzato con riga colorata estrusa. <i>Transparent , or polarized by means an extruded line.</i>
Riunitura <i>Cable assembly</i>	Anime trecciate tra loro, o su richiesta, anime parallele <i>Inner cores twisted together or , on request , parallel lay cores.</i>
Guaina esterna <i>Outer sheath</i>	PVC TM2 conforme alla norma EN 50363-4-1, durezza (80 ± 2) Sh-A <i>TM2 PVC conforming to EN 50363-4-1 standard, hardness (80 ± 2) Sh-A</i>
Colore guaina <i>Color of sheath</i>	Trasparente <i>Transparent</i>
Marcatura <i>Marking</i>	Marcatura ad inchiostro : SALCAVI TECHNIC SPA ITALY - FROR 300/300 V CPR CLASS Eca – ANNO <i>Ink marking : SALCAVI TECHNIC SPA ITALY - FROR 300/300 V CPR CLASS Eca - YEAR</i>