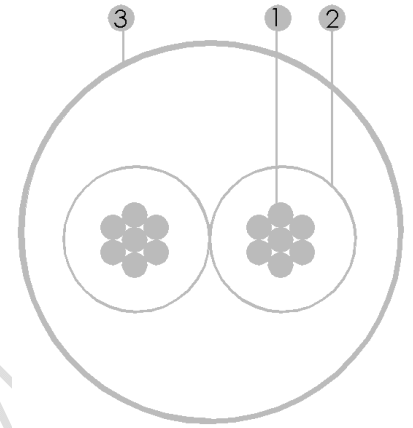


## Cavi trasparenti tondi in PVC FROR PVC jacketed transparent round cables FROR



### 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<sub>AC</sub>

Tensione di prova  
*Test voltage*



2000 V<sub>AC</sub>

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)

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# TECHNICAL DATA SHEET



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Sezione <i>Size conductor</i> [ mm <sup>2</sup> ]	Formazione conduttore <i>Conductor stranding</i> [ N° x mm ]	Resistenza elettrica <i>Electrical resistance</i> [ Ω/Km ]	Diametro su isolamento <i>Diameter on insulation</i> [ mm ]	Spessore di isolamento <i>Radial thickness of insulation</i> [ 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 <i>Size conductor</i> [ mm <sup>2</sup> ]	Diametro esterno <i>Outer diameter</i> [ mm ]	Spessore guaina <i>Thickness of jacket</i> [ 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 <i>Size conductor</i> [ mm <sup>2</sup> ]	Diametro esterno <i>Outer diameter</i> [ mm ]	Spessore guaina <i>Thickness of jacket</i> [ 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

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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>

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