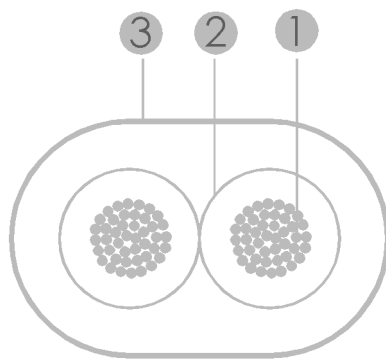


Cavi trasparenti piatti FR5FDR105 FR5FDR105 flat transparent cables



SCHEMATIC DRAWING



APPLICAZIONI APPLICATIONS

Cavo flessibile piatto trasparente con anime isolate in FEP e guaina in PVC, idoneo per cablaggio interno di apparecchiature e dispositivi elettronici.

Flat transparent PVC jacketed cable with FEP insulated inner cores that is intended for internal wiring of electronic equipment and appliances.

COSTRUZIONE CABLE STRUCTURE

1. Conduttore flessibile a corda concentrica in rame elettrolitico stagnato.
Flexible concentric electrolytic tinned copper conductor
2. Isolamento in FEP trasparente
Transparent FEP insulation
3. Guaina in PVC trasparente 105°C
Transparent 105°C rated outer sheath

Temperatura utilizzo
Temperature range



- 20 ÷ 105 °C
[@ fixed installation]
- 20 ÷ 180 °C
[@ on inner cores]

Tensione di esercizio
Rated voltage



300/500 V_{AC}

Tensione di prova
Test voltage



2000 V_{AC}

Resistenza alla fiamma
Flame resistance



IEC 60332-1-2

Idoneo per posa fissa
Suitable for fixed installation



Raggio di curvatura
Bending radius



≥ 12 x D_{max}
[@ fixed installation]

Idoneo per posa interna
Suitable for indoor use



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Sezione <i>Size conductor</i> [mm ²]	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]
0.35	7 x 0.254	≤ 59.4	1.20 ± 0.05	≥ 0.20
0.50	19 x 0.180	≤ 40.1	1.30 ± 0.05	≥ 0.20
0.75	19 x 0.224	≤ 26.7	1.55 ± 0.05	≥ 0.20

Sezione <i>Size conductor</i> [mm ²]	Diametro esterno <i>Outer diameter</i> [mm]	Spessore guaina <i>Thickness of jacket</i> [mm]
2 x 0.35	(2.8 ± 0.2) x (4.6 ± 0.2)	≥ 0.80
2 x 0.50	(3.1 ± 0.2) x (5.1 ± 0.2)	≥ 0.90
2 x 0.75	(3.35 ± 0.2) x (5.3 ± 0.2)	≥ 0.90

Riferimento normativo <i>Standard reference</i>	Direttiva Europea Bassa Tensione No. 2014/35/UE <i>Low Voltage European Directive No. 2014/35/EU</i>
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile a corda concentrica in rame elettrolitico stagnato, conforme alla norma CEI 20-51 <i>Flexible concentric electrolytic tinned copper conductor complies with CEI 20-51 requirements.</i>
Isolamento <i>Insulation</i>	FEP (Fluoro-Etilene-Propilene) tipo R5F secondo norma CEI 20-51 <i>FEP (Fluoro-Ethylene-Propylene) R5F type according to CEI 20-51 requirements</i>
Colore isolamento <i>Color of insulation</i>	Trasparente, oppure polarizzato con riga colorata estrusa in FEP o con filo colorato in fibra di vetro. <i>Transparent , or polarized by means a FEP extruded line or colored fiber-glass thread.</i>
Riunitura <i>Cable assembly</i>	Anime parallele <i>Parallel laid cores</i>
Guaina esterna <i>Outer sheath</i>	PVC 105 °C, durezza (87 ± 2) Sh-A <i>105°C PVC, hardness : (87 ± 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 - FR5FDR105 300/500V - ANNO <i>Ink marking : SALCAVI TECHNIC SPA ITALY - FR5FDR105 300/500V - YEAR</i>