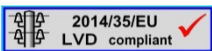
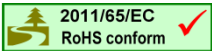
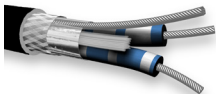




# INDUSTRIA / INDUSTRY

## CAVI PER APPARECCHIATURE ELETTRONICHE – RS 485 CABLES FOR ELECTRONIC DEVICES – RS 485

POSA FISSA INTERNA – FIXED INSTALLATION (INDOOR ONLY)

ARTICOLO / ARTICLE	<b>Y03105A</b> 1x2x22/7 AWG (0,33mm <sup>2</sup> ) <b>0925297</b>	<b>Y03106A</b> 1x2x22/7 + 1x22/7 AWG (0,33mm <sup>2</sup> ) <b>0925296</b>	<b>Y03107A</b> 2x2x22/7 AWG (0,33mm <sup>2</sup> ) <b>0925298</b>
codice / part number			
 			
APPLICAZIONE/APPLICATION	Collegamento in standard RS485 per comunicazione di dispositivi elettronici connessi alla stessa rete Communication of devices connected to the same network according to standard RS422/RS485		

### COSTRUZIONE / CONSTRUCTION

conduttore / conductor	CuSn - 7x0,25mm Ø (22/7AWG)	CuSn - 7x0,25mm Ø (22/7AWG)	CuSn - 7x0,25mm Ø (22/7AWG)
isolamento / insulation	PEE	PEE	PEE
colorazione e formazione coppia / pair colors and assembly	bianco/blu + blu/bianco / white/blue + blue/white	(1) bianco/arancio+arancio/bianco / white/orange+orange/white (2) bianco/blu / white/blue	(1)bianco/blu+blu/bianco / white/blue+blue/white (2)bianco/arancio+arancio/bianco / white/orange+orange/white
schermatura / shielding	nastro AL/PET + cond. continuità CuSn 22/7AWG + treccia in CuSn (k ≥ 65%) / AL/PET tape + CuSn drain wire 22/7AWG + CuSn braid (k ≥ 65%)	nastro AL/PET + cond. continuità CuSn 22/7AWG + treccia in CuSn (k ≥ 65%) / AL/PET tape + CuSn drain wire 22/7AWG + CuSn braid (k ≥ 65%)	nastro AL/PET + cond. continuità CuSn 22/7AWG + treccia in CuSn (k ≥ 65%) / AL/PET tape + CuSn drain wire 22/7AWG + CuSn braid (k ≥ 65%)
guaina esterna / outer jacket	FR-UV resistant PVC Ø 6,7 mm colore nero RAL9005 / black RAL9005	FR-UV resistant PVC Ø 7,6 mm colore nero RAL9005 / black RAL9005	FR-UV resistant PVC Ø 8,9 mm colore nero RAL9005 / black RAL9005
peso indicativo / approx. weight	68 kg/km	70 kg/km	100 kg/km

### PROPRIETÀ ELETTRICHE E TRASMISSIVE [ @ 20°C ] / ELECTRICAL AND TRANSMITTING PROPERTIES [ @ 20°C ]

resistenza conduttore interno / inner conductor resistance	49 Ω/km	49 Ω/km	49 Ω/km
capacità coppia / pair capacitance C/C (C/S)	40 pF/m (80 pF/m)	40 pF/m (80 pF/m)	40 pF/m (66 pF/m)
impedenza / impedance	120 Ω	120 Ω	120 Ω
attenuazione / attenuation	0,6 dB/100m @ 100 kHz 1,3 dB/100m @ 500 kHz 1,64 dB/100m @ 1 MHz	0,6 dB/100m @ 100 kHz 1,3 dB/100m @ 500 kHz 1,64 dB/100m @ 1 MHz	0,5 dB/100m @ 100 kHz 1,2 dB/100m @ 500 kHz 1,64 dB/100m @ 1 MHz
resistenza d'isolamento (min.) / insulation resistance (min.)	2,0G ΩxKm	2,0G ΩxKm	2,0G ΩxKm
tensione prova C/C (C/S) / test voltage C/C (C/S)	0,7 kVac	0,7 kVac	0,7 kVac
tensione operativa (max) / operating voltage (max)	300 V non per uso potenza / not for power purposes	300 V non per uso potenza / not for power purposes	300 V non per uso potenza / not for power purposes

### ALTRE PROPRIETÀ / OTHER PROPERTIES

temperatura di funzionamento / operating temperature range	-20°C / +80°C	-20°C / +80°C	-20°C / +80°C
calore rilasciato da combustione / heat released upon combustion	994 MJ/km (0,274 kWh/m)	1024 MJ/km (0,280 kWh/m)	1662 MJ/km (0,460 kWh/m)
comportamento al fuoco / fire behaviour	non propagante la fiamma secondo / flame retardant according to EN IEC 60332-1-2/A1:2015	non propagante la fiamma secondo / flame retardant according to EN IEC 60332-1-2/A1:2015	non propagante la fiamma secondo / flame retardant according to EN IEC 60332-1-2/A1:2015
raggio min. di piegatura / min. bending radius	10 x Ø esterno cavo 10 x outer cable Ø	10 x Ø esterno cavo 10 x outer cable Ø	10 x Ø esterno cavo 10 x outer cable Ø
standard di riferimento / reference standard	<ul style="list-style-type: none"> <li>• EIA RS 485 • UL 1581 (p.q.a.)</li> <li>• CEI UNEL 36762</li> <li>• EN IEC 60332-1-2/A1:2015</li> </ul>	<ul style="list-style-type: none"> <li>• EIA RS 485 • UL 1581 (p.q.a.)</li> <li>• CEI UNEL 36762</li> <li>• EN IEC 60332-1-2/A1:2015</li> </ul>	<ul style="list-style-type: none"> <li>• EIA RS 485 • UL 1581 (p.q.a.)</li> <li>• CEI UNEL 36762</li> <li>• EN IEC 60332-1-2/A1:2015</li> </ul>
coesistenza / installation with energy cables	• ammessa con cavi per sistemi di I categoria aventi marcatura 450/750 V e 0,6/1 kV utilizzati per sistemi a tensione nominale verso terra (U <sub>0</sub> ) fino a 400 V / suitable for installation with 450/750V and 0,6/1kV energy cables		
imballi disponibili / packaging	<ul style="list-style-type: none"> <li>• 100m (matassa / coils)</li> <li>• 500/1000m (bobina / drums)</li> </ul>	<ul style="list-style-type: none"> <li>• 100m (matassa / coils)</li> <li>• 500/1000m (bobina / drums)</li> </ul>	<ul style="list-style-type: none"> <li>• 100m (matassa / coils)</li> <li>• 500/1000m (bobina / drums)</li> </ul>
varianti costruttive / other versions	<ul style="list-style-type: none"> <li>• H03105A (guaina LSZH / LSZH jacket – Cod. 0926297)</li> </ul>	<ul style="list-style-type: none"> <li>• H03106A (guaina LSZH / LSZH jacket – Cod. 0926296)</li> </ul>	<ul style="list-style-type: none"> <li>• H03107A (guaina LSZH / LSZH jacket – Cod. 0926298)</li> </ul>