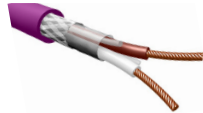
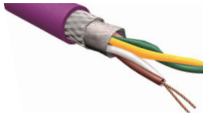
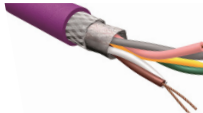
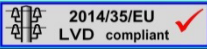
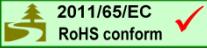


**CAVI PER APPARECCHIATURE ELETTRONICHE - EIA RS422/RS485 IN STANDARD PROFIBUS™ L1
E VARINET™ - SERIE NETBUS
CABLES FOR ELECTRONIC DEVICES – EIA RS422/485 ACCORDING TO PROFIBUS™ L1
AND VARINET™ STANDARD - NETBUS SERIES**



POSA FISSA INTERNA – FIXED INSTALLATION (INDOOR ONLY)

ARTICOLO / ARTICLE	Z100 Y122 1x2x24/7AWG (0,22mm ²)	Z100 Y222 2x2x24/7AWG (0,22mm ²)	Z100 Y322 3x2x24/7AWG (0,22mm ²)
codice / part number	0502551	0502552	0502553
			
	 		
APPLICAZIONE/APPLICATION	collegamento di dispositivi elettronici con tecnologia PROFIBUS L1 oppure secondo EIA RS485 / connection of electrical devices using PROFIBUS L1 technology or according to EIA RS485		

COSTRUZIONE / CONSTRUCTION

conduttore / conductor	Cu - 7x0,20mm Ø (24/7AWG)	Cu - 7x0,20mm Ø (24/7AWG)	CuSn - 7x0,20mm Ø (24/7AWG)
isolamento / insulation	PE	PE	PEE
colorazione e formazione coppia / pair colors and assembly	1) bianco + marrone / white + brown	1) bianco + marrone / white + brown 2) verde + giallo / green + yellow	1) bianco + marrone / white + brown 2) verde + giallo / green + yellow 3) rosa + grigio / pink + gray
assemblaggio / assembly	elementi riuniti e fasciati con nastro PET elements stranded together and wrapped with PET tape	elementi riuniti e fasciati con nastro PET elements stranded together and wrapped with PET tape	elementi riuniti e fasciati con nastro PET elements stranded together and wrapped with PET tape
schermatura / shielding	treccia in CuSn (k ≥ 85%) / CuSn braid (k ≥ 85%)	treccia in CuSn (k ≥ 85%) / CuSn braid (k ≥ 85%)	treccia in CuSn (k ≥ 85%) / CuSn braid (k ≥ 85%)
guaina esterna / outer jacket	FR-PVC Ø 5,70 mm colore viola RAL4001 / violet RAL4001	FR PVC Ø 7,20 mm colore grigio RAL7001 / gray RAL7001	FR PVC Ø 7,30 mm colore grigio RAL7001 / gray RAL7001
peso indicativo / approx. weight	44 kg/km	69 kg/km	76 kg/km

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

resistenza Rc (Rs) / Rc (Rs) resistance	93 Ω/km	93 Ω/km	93 Ω/km
capacità coppia / pair capacitance	60 pF/m	60 pF/m	60 pF/m
impedenza / impedance	100 Ω ±15% (f ≥ 1 MHz)	100 Ω ±15% (f ≥ 1 MHz)	100 Ω ±15% (f ≥ 1 MHz)
induttanza / inductance	0,75 mH/km	0,75 mH/km	0,75 mH/km
attenuazione / attenuation	0,9 dB/100m @ 100 kHz 2,3 dB/100m @ 1 MHz 7,2 dB/100m @ 10 MHz	0,9 dB/100m @ 100 kHz 2,5 dB/100m @ 1 MHz 7,9 dB/100m @ 10 MHz	0,9 dB/100m @ 100 kHz 2,5 dB/100m @ 1 MHz 7,9 dB/100m @ 10 MHz
velocità di propagazione / propagation velocity	66 %	66 %	66 %
resistenza d'isolamento (min.) / insulation resistance (min.)	5,0 GΩxkm	1,0 GΩxkm	1,0 GΩxkm
tensione operativa (max) / operating voltage (max)	250 V non per uso potenza / not for power purposes	250 V non per uso potenza / not for power purposes	250 V non per uso potenza / not for power purposes

ALTRE PROPRIETÀ / OTHER PROPERTIES

temperatura di funzionamento / operating temperature range	-30°C / +80°C	-20°C / +60°C	-20°C / +60°C
calore rilasciato da combustione / heat released upon combustion	576 MJ/km (0,159 kWh/m)	1122 MJ/km (0,310 kWh/m)	1122 MJ/km (0,310 kWh/m)
raggio min. di piegatura / min. bending radius	10 × Ø esterno cavo 10 × outer cable Ø	10 × Ø esterno cavo 10 × outer cable Ø	10 × Ø esterno cavo 10 × outer cable Ø
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
standard di riferimento / reference standard	• CEI 20-52 • EIA RS485 • EN IEC 60332-1-2/A1:2015 • CEI UNEL 36762 • DIN 47100	• CEI 20-52 • EIA RS485 • EN IEC 60332-1-2/A1:2015 • CEI UNEL 36762 • DIN 47100	• CEI 20-52 • EIA RS485 • EN IEC 60332-1-2/A1:2015 • CEI UNEL 36762 • DIN 47100
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 ₀) fino a 400 V / suitable for installation with 450/750V and 0,6/1kV energy cables		
imballi disponibili / packaging	• 100m (matassa / coils) • 500/1000m (bobina / drums)	• 100m (matassa / coils) • 500/1000m (bobina / drums)	• 100m (matassa / coils) • 500/1000m (bobina / drums)

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