

UNIDRALL® BUS 1010F

Cavo per posa fissa (INTERBUS Remote Bus, 2-wire)
INTERBUS cable for fixed installation



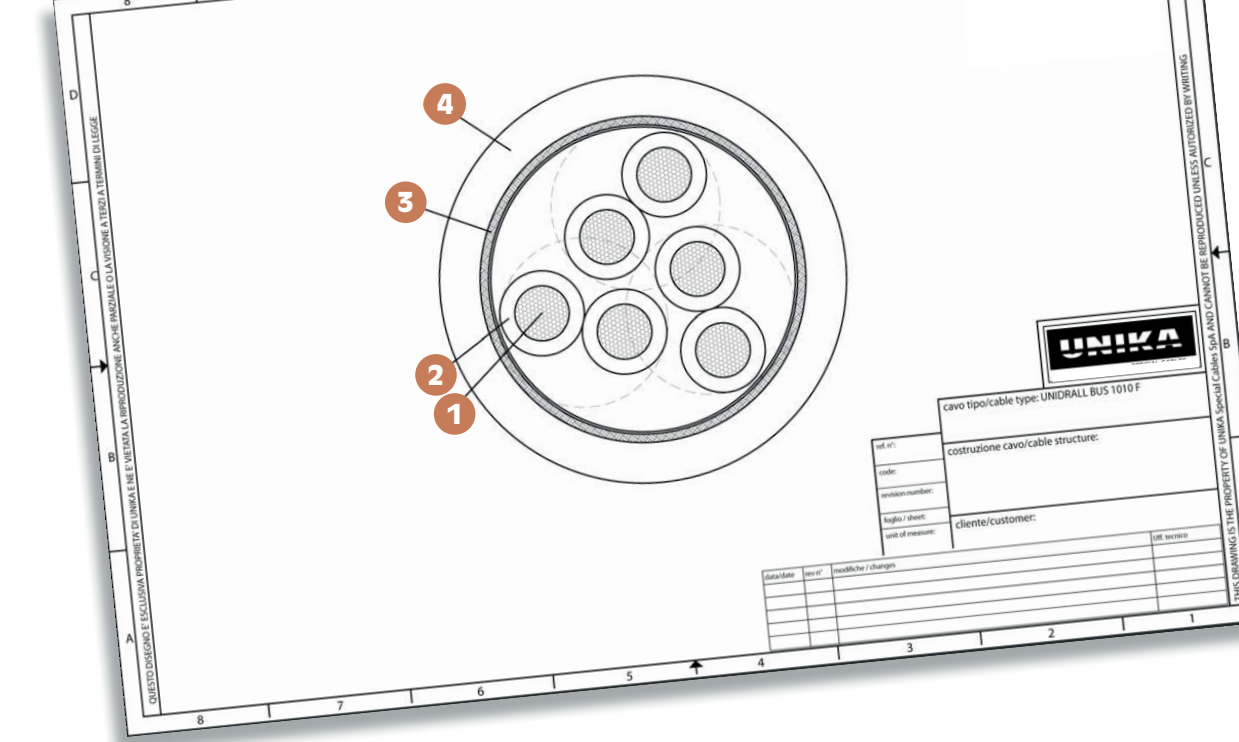
	Dati tecnici	Technical data
Conduttore Conductor	1 Trefoil rame rosso 0,22 mm ² (AWG24) secondo CEI EN 60228	Stranded bare copper 0,22 mm ² (AWG24) complying with CEI EN 60228
Isolamento ed identificazione anime Insulation and core identification	2 PE compatto / Anime colorate secondo DIN 47100	Solid PE / Core colours according DIN 47100
Schermatura totale Overall shielding	3 Treccia di fili di rame stagnato avente copertura 85%	Tinned copper wire braid having coverage 85%
Guaina Jacket	4 PVC classe 43 secondo UL 1581 e CSA C22.2 n°210. Colore verde RAL6017	PVC class 43 according to UL1581 and C22.2 n°210. Colour green RAL6017
Temperatura di lavoro Operating temperature	Posa fissa -30 + 80 °C	Fixed application -30 + 80 °C
Raggio minimo di curvatura Minimum bending radius	Posa fissa 10 x D	Fixed application 10 x D
Ritardante la fiamma Flame retardant	Prova di non propagazione orizzontale della fiamma UL758, prova FT2 secondo CSA C.22.2 n°210	Horizontal flame test per UL758, FT2 test acc. to CSA C.22.2 n°210
Emissione gas alogenidrici Halogen gas emission	≤ 18 IEC 60754, CEI EN 50267-2	≤ 18% IEC 60754, CEI EN 50267-2
Resistenza agli oli industriali Industrial oil resistance	IEC 60811-404	IEC 60811-404
Resistenza all'acqua Water resistance	IEC 60811-402	IEC 60811-402

Il cavo INTERBUS per posa fissa con guaina in PVC è impiegato in sistemi di connessione dove richiesto lo standard EIA RS 485.
**Approvato UL/CSA:
AWM Style 20601 300V/80°C**

Standard di riferimento:
IEC 61158

INTERBUS cable for fixed installation and with PVC outer jacket is employed on connection systems where standard EIA RS 485 is required.
**UL and CSA approvals:
AWM Style 20601 300V/80°C**

Standard References:
IEC 61158



codice code	formazione assembly	diametro esterno outer diameter (mm ± 10%)	massa Cu Cu mass (Kg/km)	massa cavo cable mass (Kg/km)
B2162	3x2x0,22 mm ² / AWG24	7,0	29	66

	Dati tecnici	Technical data
Proprietà elettriche e di trasmissione a 20°C Electrical and transmission properties at 20°C		
Massima tensione di lavoro Max operating voltage	300 V	300 V
Tensione di prova Test voltage	1000 V	1000 V
Resistenza massima del conduttore DC Max DC conductor resistance	85 Ω/km	85 Ω/km
Capacitanza cond./cond. (nominale) Capacitance core/core (nom)	54 pF/m	54 pF/m
Impedenza caratteristica Characteristic impedance	120 Ω (±15%) 64 kHz 100 Ω (±15%) 1÷20 MHz	120 Ω (±15%) 64 kHz 100 Ω (±15%) 1÷20 MHz
Velocità di propagazione (circa) Propagation velocity (approx)	67%	67%
Attenuazione Attenuation	max 1,7 dB/100m at 256 kHz max 3,0 dB/100m at 772 kHz max 4,1 dB/100m at 1 MHz max 8,4 dB/100m at 4 MHz max 10,0 dB/100m at 10 MHz max 13,3 dB/100m at 16 MHz max 15,4 dB/100m at 20 MHz	max 1,7 dB/100m at 256 kHz max 3,0 dB/100m at 772 kHz max 4,1 dB/100m at 1 MHz max 8,4 dB/100m at 4 MHz max 10,0 dB/100m at 10 MHz max 13,3 dB/100m at 16 MHz max 15,4 dB/100m at 20 MHz
Min. resistenza di isolamento Min. insulation resistance	2,0 GΩ x km	2,0 GΩ x km
Impedenza di trasferimento Transfer impedance	250 mΩ/m at 30 MHz	250 mΩ/m at 30 MHz
Attenuazione di diafonia (NEXT) Near-end crosstalk attenuation (NEXT)	min 61 dB at 500 kHz min 59 dB at 1 MHz min 50 dB at 4 MHz min 44 dB at 10 MHz min 41 dB at 16 MHz min 40 dB at 20 MHz	min 61 dB at 500 kHz min 59 dB at 1 MHz min 50 dB at 4 MHz min 44 dB at 10 MHz min 41 dB at 16 MHz min 40 dB at 20 MHz