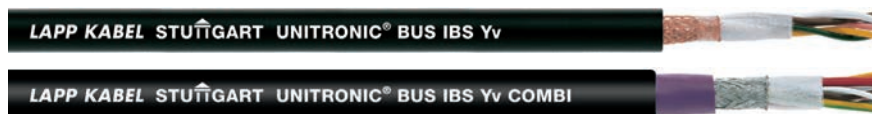




## UNITRONIC® BUS IBS Yv COMBI

INTERBUS cables for fixed installation - outdoor/direct burial



### Benefits

- Certified by INTERBUS CLUB

### Application range

- Suitable for outdoor use and direct burial

### Product features

- IBS cable - for outdoor use or direct burial, UV-resistant (remote bus cable + installation remote bus cable)
- The stated bit rates result in the following cable lengths (maximum) of one bus segment:
  - 500 kbit/s = max. 400 m
  - Flame-retardant according IEC 60332-1-2

### Norm references / Approvals

- According to DIN EN 61158

### Product Make-up

- **UNITRONIC® BUS IBS Yv**  
stranded bare conductor  
Core insulation: PE  
Tinned copper screen braiding  
Outer sheath: PVC, black (RAL 9005)
- **UNITRONIC® BUS IBS Yv COMBI**  
Stranded bare conductor  
Core insulation: PE  
3x2x0,22:  
white/brown, green/yellow, grey/pink  
3x1,0:  
red, blue, green/yellow  
Tinned copper screen braiding  
Inner sheath: PVC, violet RAL (4001),  
Outer diameter: 7,9 mm  
Outer sheath: PVC, black (RAL 9005)  
Outer diameter: 9,4 mm

### Technical data

	<b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC000830 ETIM 5.0/6.0 Class-Description: Data cable
	<b>Peak operating voltage</b> (not for power applications) 250 V
	<b>Conductor resistance</b> (loop): max. 186 Ω/km
	<b>Minimum bending radius</b> Fixed installation: 8 x outer diameter
	<b>Test voltage</b> Core/core: 1500 V rms
	<b>Characteristic impedance</b> 100 Ω
	<b>Temperature range</b> Fixed installation: -40°C to +70°C

Article number	Cable type	Article designation	Number of pairs and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
<b>UNITRONIC® BUS IBS Yv COMBI</b>						
2170207	Remote bus cable (RBC)	UNITRONIC® BUS IBS Yv COMBI	3 x 2 x 0.22	9.3	37	94
<b>UNITRONIC® BUS IBS Yv COMBI</b>						
2170217	Installation remote bus cable (INBC)	UNITRONIC® BUS IBS Yv COMBI	3 x 2 x 0,22 + 3 x 1,0	9.4	60	128

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

INTERBUS is a registered trademark of Phoenix Contact GmbH & Co.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.