

## 5. INDUSTRIAL CABLES / 5.2 PVC (PE) / Twinax 2x0,5



Signal cable



### Application:

Signal cables for serial bus type Twinax. The main advantages are high speed and more addressable devices to connect. They are UV stabilized, meet the requirements for use and installation in the free environment with UV light (Africa, Middle East, Latin America).

### Cable construction:

- **Number of conductors:** 2
- **Cable cores:** Cu conductor 7 x 0,30 mm
- **Nominal cross-section:** 0,5 mm<sup>2</sup>
- **Insulation:** PE
- **Color code cores:** blue, transparent
- Cores are twisted to pair in PE filler
- **Shield construction:** braiding of CuSn wires of diameter 0,15 mm with a density of min. 95 %
- **Sheath cable:** PVC
- **Colour of sheath:** black or other if required, stabilized against UV radiation

### Technical data:

Effective resistance of inner conductor	38,0 Ω/km
Effective resistance of outer conductor	Max. 10,0 Ω/km
Velocity ratio	0,66
Capacitance	50 ± 3 nF/km
Impedance	100 Ω
Inductivity	0,7 mH/km
Operating temperature:	-25 °C to +70 °C
Min. temperature for laying:	-5 °C

