



## Multicore cables, PE-insulation, Aluminium shield + Braid, PE Sheath, 9842

<b>BATT Part No:</b>	91470
<b>Section:</b>	AWG 24
<b>Application:</b>	RS-232, RS-422, RS-485, KNX(EIB)-bus, LonWorks, ModBus, M-Bus, CAN-bus, BACnet or general interface systems. Control cable.
<b>Conductor:</b>	Tinned copper wire, 7 strands 0.6mm
<b>Insulation:</b>	PE 1.7mm
<b>Colour code:</b>	White with blue stripe / blue with white stripe White with orange stripe / orange with white
<b>Wrapping:</b>	At least 1 layer of plastic tape 0,023 mm
<b>Collective Screen</b>	Overall aluminium screen + drain wire
<b>Braiding</b>	Tinned copper
<b>Outer Sheath</b>	PE – Black, 8.6mm
<b>Fire Propagation:</b>	Test on single cable: IEC 60332-1 Test on bunched cable: IEC 60332-3
<b>Conductor Cross-section</b>	AWG 24 Nom.
<b>DC Resistance per core at 20° C</b>	< 88 max $\Omega$ /km
<b>Insulation Resistance at 20° C</b>	> 5GOhm*km min $\Omega$ *km
<b>Mutual Capacitance c-c</b>	< 42 max nF/km
<b>Mutual Capacitance</b>	<76 max nF/km
<b>Inductance</b>	<1 max mH/km
<b>Test Voltage - Core/Core</b>	1000 V
<b>Test Voltage - Core/Screen</b>	1000 V
<b>L/R Ratio</b>	25 max $\mu$ H/ $\Omega$
<b>Operating Voltage</b>	300 V
<b>Impedance</b>	120 Ohm
<b>Temperature Range:</b>	During operation: -5° C up to +50°C During installation: -30° C up to +90°C
<b>Min. Bending Radius</b>	6 x cable diameter