



## Cables for Signal Transmission Solutions

### Cable Type Y9841

#### Overview

The low capacitance allows long distance transmissions in the RS-485 protocol. The cabling and pairs shielding allow uncoupling thereof, thereby reducing the mutual interference factors. The high coverage shield allows for interference-free transmission of data. Cable for use in industrial automation systems, computer networks and electronic control of data transmission systems.

#### TECHNICAL DATA

##### Standards

EN 60228/VDE0295/BS6360

##### Color

Grey RAL7001

##### Conductor

Tinned copper 7X0.20 mm

##### Printing

Type Y9841 1x2x0.22 mm<sup>2</sup> (AWG24) (length mt) (year of manufacture) CE

##### Insulation

Polyethylene ( EN 50290-2, VDE 0207-2Y|1)

##### Tests

Self-extinguishing and flame retardant according IEC 60332-1, VDE 0482-265-2-1.

##### Formation

Twisted pairs

##### Operating Voltage

300V

##### Core Identification

White + Blue

##### Test Voltage

1200V

##### Strapping

Polyester tape

##### Operating Temperature

-20°C to +80°C

##### Shield

Aluminum or polyester tape+ tinned copper braid 85% coverage

##### Min. Bending Radius

10xØ approx.

##### Drain Wire

Tinned copper

##### Impedance

120 Ω

##### Outer Sheath

PVC according EN 50290-2/HD 21.1.S4/VDE 0281-TM1

##### Weight

63kg/km

##### Diameter

6.70mm