

Cable Type Y9842

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 Y9842 2x2x0.22 mm² (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 + Blue/White
White/Orange + Orange/White

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

Approximately 10xØ

Drain Wire

Tinned copper

Impedance

120Ω

Outer Sheath

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

Weight

63kg/km

Diameter

8.60mm