N2PSMCX42 2 Pairs Shielded 22AWG RS485 Data Cable

NETWAY™

Product's Highlights

- 2 Pairs Shielded 22 AWG (7 x 30) Stranded Tinned Copper Conductor
- Aluminum foils 100% coverage Outer Shielded Jacket
- 90% coverage of Tinned Copper Braid Shield
- High Density Polyethylene (HDPE), Black Color Outer Jacket

Description

Netway N2PSMCX42 was built using 22 gauge (7 x 30) stranded tinned copper conductor for Outdoor use. The RS485 cable specification recommends 22AWG twisted pair cable with 120 ohm characteristic impedance. RS485 make the systems ability to multidrop network nodes. It can be used effectively over long distances and in electrically noisy environments.

Technical Specifications

Description	
Conductor	2 pairs 22 AWG (7 x 30) Stranded, Tinned Copper
Insulation Material	PE-Polyethylene
Outer Shielded Material Overall	Aluminium Foils 100% Coverage
Tinned Copper Braid Shield	90% Coverage
Outer Jacket	High Density Polyethylene (HDPE), Black Color
Overall Cabling Diameter	8.90mm ± 10%
Pairs Color Code	No1 (White / Blue & Blue / White) No2 (White / Orange & Orange / White)
Operating Temperature Range	-30°C To +80°C
Electrical Characteristics	
Impendance	120 Ohm
Nominal Velocity of Propagation	66% (VP)
Max Operating Voltage	300V RMS
Nominal Delay	1.6 (ns/ft)
Max Recommended Current	2.1 Amps per conductor at 25°C

Applications

- Security System, Building/ process automation, Energy Monitoring & Control, Motor Control and etc

Ordering Information

Outdoor Type 2 Pairs Shielded 22AWG RS485 Data Cable, 305 meters per drum
Order Info: NETWAY N2PSMCX42

Other Related Product

Indoor Type 1 Pair Shielded 22AWG RS485 Data Cable, 305 meters per drum
Order Info: NETWAY N1PSMC841

Indoor Type 2 Pairs Shielded 22AWG RS485 Data Cable, 305 meters per drum
Order Info: NETWAY N2PSMC842