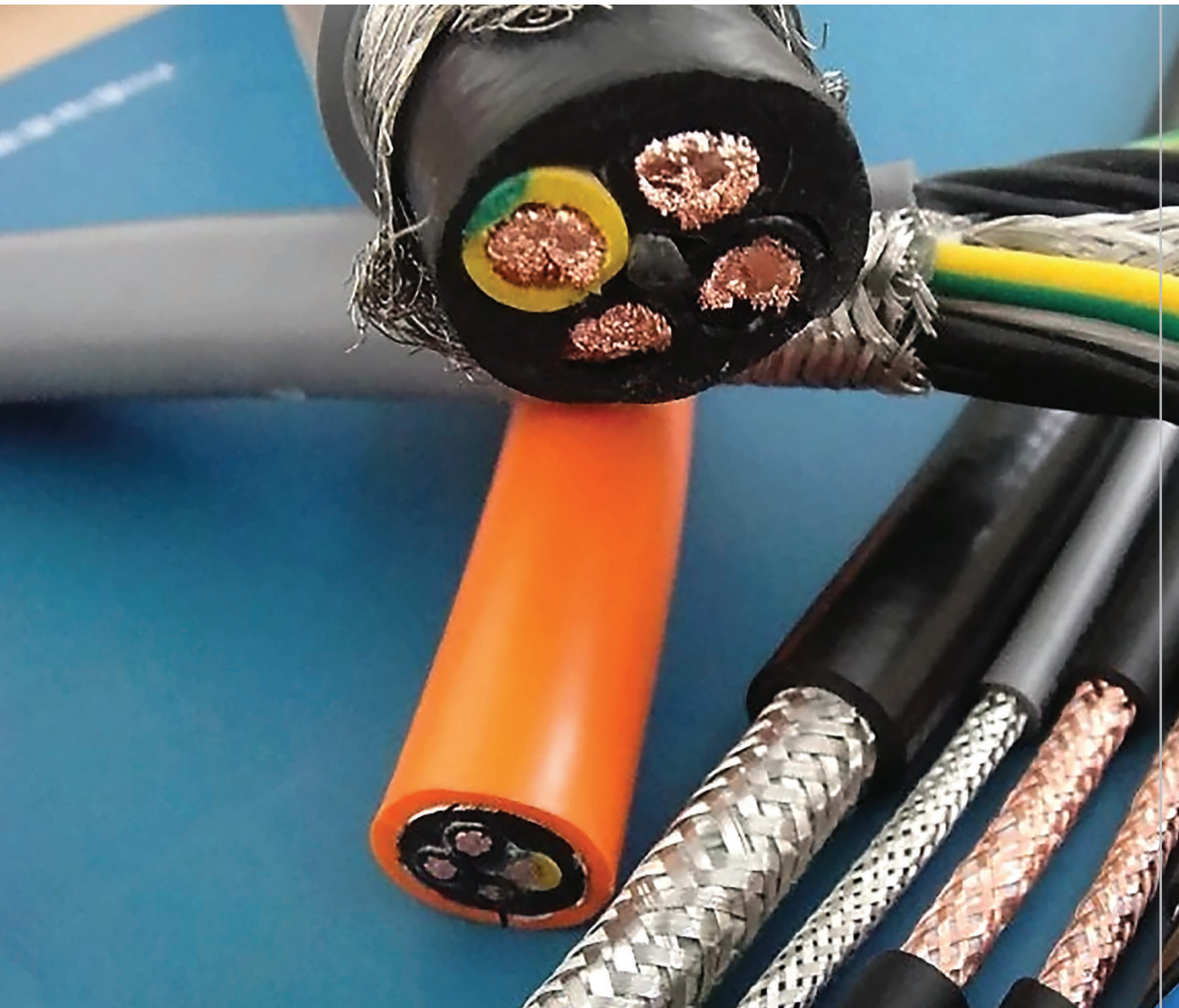




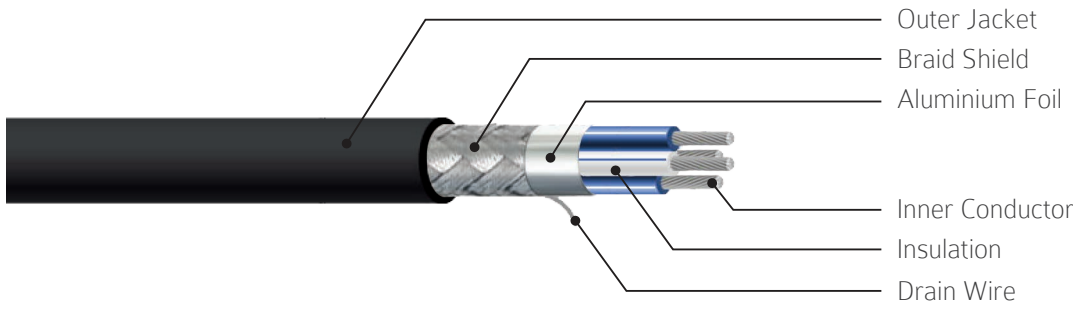
DATA COMMUNICATION

RS2P24 24AWG

EIA-485 2Pairs Multi Conductor Cable

RS2P24 24AWG 2Pairs Multi Conductor EIA-485 Cable

Cross Section



Description

RS2P24 24AWG 2Pairs EIA-485 Cable

- 24AWG (7/0.2) TC conductor
- HDPE ID1.8, twisted pair
- 2 cores twisting, total 2 pairs (4 cores)
- Color: Blue/White, White/Blue
- Black PVC jacket.

Application

- Low capacitance Full Duplex, RS-485 High Speed Data

Mechanical Characteristics (Overall)

Operating Temperature Range	-30°C ~ +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	53.575kg/km
Max. Recommended Pulling Tension	321.605N
Min. Bend Radius/Minor Axis	63.500mm
Plenum (Y/N)	No

Physical Characteristics (Overall)

Inner Conductor	Tinned Copper
AWG	24
Stranding	7/0.2
Core	4 Cores
Drain Wire	Tinned Copper
Insulation	HDPE ID1.8
Insulation Diameter	0.6mm
Outer Shield	Braid TC Copper
Coverage	90%
	Tape Aluminium Foil
Coverage	100%
Outer Jacket	PVC - Polyvinyl Chloride
Outer Jacket Thickness	0.88mm
Pair	
Color	Blue/White, White/Blue

Electrical Characteristics (Overall)

Nom. Characteristics Impedance	120 Ohms
Nom. Capacitance Conductor to Shield	41.9968pF/m
Nom. Velocity of Propagation	66%
Nom. Delay	5.2496ns/m
Nom. Conductor DC Resistance @ 20 Deg.C	78.744Ohms/km
Nom. Outer Shield DC Resistance @ 20 Deg.C	11.1554Ohms/km
Min. Structural Return Loss (5~950 MHz)	21 dB
Min. Structural Return Loss (950~3000 MHz)	18 dB
Nom. Attenuation Frequency (Mhz)	1.000Mhz
Nom. Attenuation (dB/100m)	1.969dB/100m
Max. Operation Voltage - UL	300V RMS Type CM
	300V RMS AWM2919
Max. Recommended Current	2.1A per conductor
	25° ambient