

# ESPC

As the cable for Controller Link by Omron Corporation, it is a cable passing the suggested evaluation test and used for signal transmission.



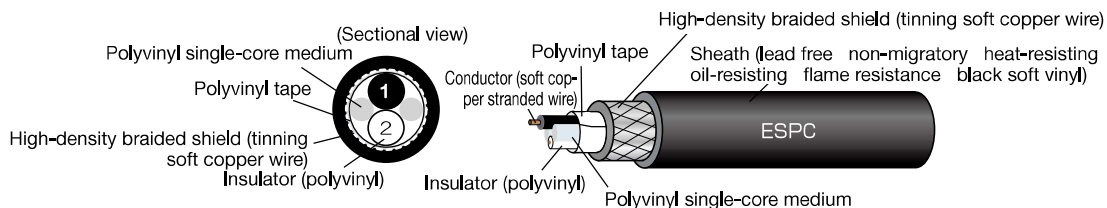
## Feature

- ① Polyvinyl with excellent electrical characteristics is used on the insulator jacket.
- ② With excellent oil, heat and flame resistance (UL VW-1, passing combustion test) of the Sheath material, it is not migratory to ABS value and other values, thus the equipment will not be colored.
- ③ The high-density Shielding structure are used to offer excellent noise resistance.
- ④ And it is excellently applicable to signal transmission of RS-422 and RS-485 series.
- ⑤ The single-core medium makes the cutting easier and improves the operating performance.
- ⑥ The jacket of insulator and Sheath uses green and lead free material.

## Technical data

Applied specification	—
Standard specification	—
Model symbol	—
Rated voltage	below 100V
Rated temperature	75°C
Incombustibility	Passing UL VW-1 vertical combustion test

## Structure diagram



## Structure chart

Pair	Conductor (TA)			Insulator (polyvinyl)		Electrical property				
	Size (mm <sup>2</sup> )	Composition (piece/mm)	Outer diameter approx. (mm)	Thickness (mm)	Outer diameter approx. (mm)	Conductor resistance (20°C) Ω/km	Withstand voltage (AC)V/1min	Insulation resistance (20°C) MΩ·km	Characteristic impedance (1MHz) Ω	Decrement (1MHz) dB/km
1P	0.5	7/0.32	0.96	0.67	2.3	below 34.0	1000	above 10000	100±10	below 17.8

## Part ESPC



Category of delivery date	Part code	Pair	Size (mm <sup>2</sup> )	Standard sheath thickness (mm)	Overall diameter approx. (mm)	Ampacity (30°C) (A)	Estimated weight (kg/km)	Sold by/m			
								—	—	—	100m
★	16550010	1P	0.5	0.85	7.0	9	59	—	—	—	○

Category of delivery date	★ Inventory	😊 Manufacturer inventory	⚠ End product
Sold by	○ : cut	— : not cut	○ 's price may change due to the cut length.