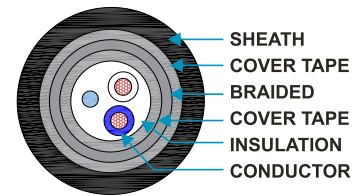




# RS 485\_Modbus\_Fieldbus

Li2Y St CY (TP) PVC Foil & Copper Braid Shielded



## Application

Specifically designed with ratings to withstand exposure to water, fire and sunlight, the RS-485 direct burial cable is ideal for settings that require reliable performance underground. Any remote application that relies on strong signals over long distances, like solar plant and outdoor lighting systems that require 120 Ohm direct burial cables are an ideal fit for this cabling.

## Properties

- Water-blocking and water-resistant jacket design protects against exposure to moisture and water.
- Crush resistance and direct burial rating for underground installation.
- UV resistance makes cable ideal for use in outdoor environments
- Fire resistance

## Construction

- Conductor : Class-2 stranded tinned copper
- Insulation : PE - Polyethylene
- Pair colour : 1Pair- White/Blue, Blue/White Stripe, 1.5 Pair- Blue/White, Orange/White, White/Orange, 2 Pair- Blue/White, Orange/White, White/Orange,
- Outer shield : Taping - Alum mylar Tape 100% Coverage- 22AWG (7/0.254mm) TC. Braiding - Tinned copper (TC) 65% coverage
- Water block : Water blocking tape
- Outer jacket : PVC

## Technical Parameter

- Voltage rating : 300 volts
- Temperature limits : -20°C to +60°C
- Bending radius : 100mm



## Dimension

MCIPL	PAIR	Size	Insulation Thickness	Overall Diameter	Cable Wt.
Code	Nos.	Sq.mm.	mm	mm	Kg/km
1001B010003	1	0.34	0.70	5.80	44
1001B020003	2	0.34	0.70	7.7	79
1001B030003	3	0.34	0.70	8.4	89
1001B040003	4	0.34	0.70	8.7	101
1001B080003	8	0.34	0.70	11	176
1001B010005	1	0.50	0.70	6.3	53
1001B020005	2	0.50	0.70	8.50	85
1001B030005	3	0.50	0.70	9.30	105
1001B040005	4	0.50	0.70	9.60	122
1001B080005	8	0.50	0.70	12.70	213

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