



# Loop Detector Cable to BS6500 and BS6195

## Application

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Loop Detector Cable is used to measure and control traffic flow. Typical applications are for traffic control signals, safety cameras, variable speed control systems, flow monitoring and access control.

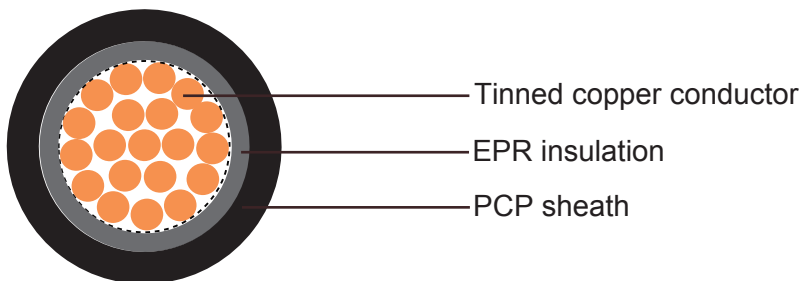
## Standard and Approval

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BS 6500, BS6195, BS 6360, BS 7655

## Cable Construction

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- **Conductor:** Stranded tinned copper, comply with BS 6360, Class 5
- **Insulation:** Black ethylene propylene rubber insulated (EPR), GP1, comply with BS 7655
- **Sheath:** Polychloroprene (PCP) sheath
- **Sheath Colour:** Black

## Technical Characteristics

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- **Rated voltage:** 450/750 volts
- **Conductor Resistance at 20°C:** 13.7ohms/km(1.5mm<sup>2</sup>)  
8.21 ohms/km(2.5mm<sup>2</sup>)





- Minimum bending radius:  $6 \times \varnothing$
- Temperature range:  $-30^{\circ}\text{C}$  -  $+85^{\circ}\text{C}$

## Cable Parameter

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Number of Cores	Nominal Conductor Area	Nominal Conductor Stranding	Insulation Thickness	Sheath Thickness	Nominal O/D	Approx Cable Weight
	mm <sup>2</sup>	NO./mm	mm	mm	mm	Kg/km
1	1.5	30/0.25	0.8	1.4	7.2	53.8
1	2.5	50/0.25	2.1	-	6.4	62.8





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