



Loop Detector Cable to BS6500 and BS6195

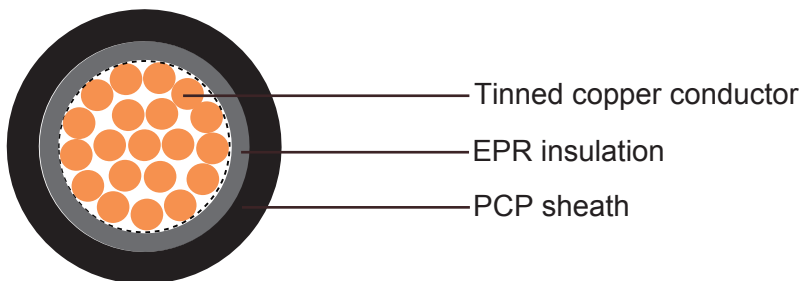
Application

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

BS 6500, BS6195, BS 6360, BS 7655

Cable Construction



- **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

- **Rated voltage:** 450/750 volts
- **Conductor Resistance at 20°C:** 13.7ohms/km(1.5mm²)
8.21 ohms/km(2.5mm²)





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

Cable Parameter

Number of Cores	Nominal Conductor Area	Nominal Conductor Stranding	Insulation Thickness	Sheath Thickness	Nominal O/D	Approx Cable Weight
	mm ²	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