

## BS6346/87 Non-Armoured Loop Feeder Cable - 1.5mm to 2.5mm



Unarmoured Polyethylene Loop Feeder Cable is primarily used in permanent traffic light systems and urban traffic management systems. Unarmoured Loop Feeder Cable is available from stock either for use in ducts or for direct burial.

### Key Features



#### Installation Guidelines

Should not be installed at temperatures below 0°C



#### Voltage Rating

600/1000 Volts



#### Minimum Bending Radius

As Per Manufacturers Datasheet

### Construction

- **Conductor:** Annealed Solid Copper Conductor
- **Insulation:** Polyethylene (PE)
- **Sheath:** Polyethylene (PE)
- **Sheath Colour:** Orange

### Standards

- BS6346/87

### Core Colours

2 core - Red Black

4 core - Red Black Blue Yellow

## BS6346/87 Non-Armoured Loop Feeder Cable - 1.5mm to 2.5mm - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
LOOP2X1/5	1.5	1 Pair	1/1.38	9	80	20S
LOOP4X1/5	1.5	2 Pair	1/1.38	9.1	123	20S
LOOP2X2/5	2.5	1 Pair	1/1.78	9.3	110	20S
LOOP4X2/5	2.5	2 Pair	1/1.78	10.7	180	20S

# TRAFFIC CABLE – ELECTRICAL PROPERTIES

CABLE TYPE	NOMINAL CROSS SECTIONAL AREA	NUMBER OF CORES	MAXIMUM CONDUCTOR RESISTANCE AT 20°C	CURRENT CARRYING CAPACITY		VOLTAGE DROP
				IN AIR	DIRECT BURIAL	
	mm <sup>2</sup>		Ω/KM	(AMPS)	(AMPS)	MV/A/M
BS6346 PVC TRAFFIC CABLE	1	8	18.10	12.00	10.50	38
BS6346 PVC TRAFFIC CABLE	1	12	18.10	10.00	8.70	38
BS6346 PVC TRAFFIC CABLE	1	16	18.10	9.00	8.00	38
BS6346 PVC TRAFFIC CABLE	1	20	18.10	8.00	7.10	38
BS6346 PVC TRAFFIC CABLE	1.5	8	12.10	15.00	13.50	25
BS6346 PVC TRAFFIC CABLE	1.5	12	12.10	13.00	11.70	25
BS6346 PVC TRAFFIC CABLE	1.5	16	12.10	11.00	10.00	25
BS6346 PVC TRAFFIC CABLE	1.5	20	12.10	10.00	9.10	25
LOOP FEEDER CABLE	1.5	2	12.10	10.00	9.00	38
LOOP FEEDER CABLE	1.5	4	12.10	11.00	10.00	38
LOOP FEEDER CABLE	2.5	2	13.42	31.00	26.00	27
LOOP FEEDER CABLE	2.5	4	13.42	28.00	23.00	27
LOOP DETECTOR CABLE	1.5	1	12.10	14.50	20.00	29
LOOP DETECTOR CABLE	2.5	1	18.10	20.00	27.00	18

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

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