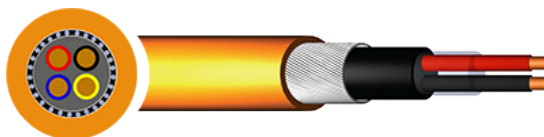


## BS6346/87 Armoured Loop Feeder Cable - 1.5mm<sup>2</sup> to 2.5mm<sup>2</sup>



### Description

Armoured Polyethylene Loop Feeder Cable is primarily used to connect traffic signals to the main management console in permanent traffic light systems and urban traffic management systems. Armoured Loop Feeder Cable is available from stock for use in ducts or for direct burial.

### Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
15 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



**Temperature Limits**  
Fixed: -30°C to +70°C  
Flexing: -5°C to +70°C

### Core Colours

2 core - Red Black

4 core - Red Black Blue Yellow

### Standards

- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- BS 6346/87

### Construction

- **Conductor:** Class 1 solid copper
- **Insulation:** Polyethylene (PE)
- **Separator:** Polyester Tape (PET)
- **Bedding:** Polyethylene (PE)
- **Armour:** Steel Wire Armour (SWA)
- **Outer Sheath:** Polyethylene (PE)
- **Sheath Colour:** Orange

### QA Lab

#### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



### Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

### ecovadis

BS6346/87 Armoured Loop Feeder Cable - 1.5mm² to 2.5mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
STCLOOP2X1/5SWA	1.5	1 Pair	1/1.38	11.8	235	20S
STCLOOP4X1/5SWA	1.5	2 Pair	1/1.38	12.7	300	20S
STCLOOP2X2/5SWA	2.5	1 Pair	1/1.78	12.5	279	20S
STCLOOP4X2/5SWA	2.5	2 Pair	1/1.78	15	383	20



# TRAFFIC CABLE – ELECTRICAL PROPERTIES

CABLE TYPE	NOMINAL CROSS SECTIONAL AREA  mm <sup>2</sup>	NUMBER OF CORES	MAXIMUM CONDUCTOR RESISTANCE AT 20°C  Ω/KM	CURRENT CARRYING CAPACITY		VOLTAGE DROP  MV/A/M
				IN AIR  (AMPS)	DIRECT BURIAL  (AMPS)	
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.