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

Description

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

Voltage Rating
600/1000 Volts

Minimum Bending Radius
10 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
- BS6346/87

Construction

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

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

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.

ISO/IEC 17025 Accredited Testing Laboratory

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

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

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
STCLOOP2X1/5	1.5	1 Pair	1/1.38	9	80	20S
STCLOOP4X1/5	1.5	2 Pair	1/1.38	9.1	123	20S
STCLOOP2X2/5	2.5	1 Pair	1/1.78	9.3	110	20S
STCLOOP4X2/5	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^2		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.