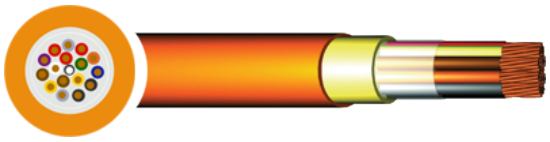
BS6436/87 Non Armoured Traffic Signal Cable - 1mm²



Description

Unarmoured PVC traffic signal cable, used to connect traffic signal equipment or in other applications that require high core configurations when there is no danger of mechanical impact.

Key Features

Voltage Rating
600/1000 Volts

Minimum Bending Radius
6 x overall diameter

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Temperature Range: -15°C to + 70°C

Core Colours

4 Core: Red | Blue | Yellow | Green

8 Core: Brown | Yellow | Green \ Blue | Red | White | Blue | Black | Orange

12 Core: Brown | Yellow | Green \ Blue | Red | White | Blue | Black | Orange | Red \ White | Grey | Red \ Blue | Violet

16 Core: Brown | Yellow | Green \ Blue | Red | White | Blue | Black | Orange | Red \ White | Grey | Red \ Blue | Violet | Brown \ Red | Yellow \ Red | Grey \ Red | Black \ Red

20 Core: Brown | Yellow | Green \ Blue | Red | White | Blue | Black | Orange | Red \ White | Grey | Red \ Blue | Violet | Brown \ Red | Yellow \ Red | Grey \ Red | Black \ Red | Violet \ Red | Orange \ Red | Green \ Red | Blue \ White

Standards

- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- BS6346/87

Construction

- **Conductor**: Class 1 solid copper
- **Insulation**: Polyvinyl Chloride (PVC)
- **Separator**: Polyester Tape (PET)
- **Bedding**: Polyvinyl Chloride (PVC)
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **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
UKAS TESTING 31196

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.

CLEVELAND CABLE COMPANY

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

BS6436/87 Non Armoured Traffic Signal Cable - 1mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Brass A2 Gland
TRAF8X1NA	1	8	1/1.13	12.6	218	20
TRAF12X1NA	1	12	1/1.13	13.5	305	25
STCTRAF8X1E	1C+E	8	1/1.13	14.49	523	25
STCTRAF12X1E	1C+E	12	1/1.13	15.5	785	25

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.

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