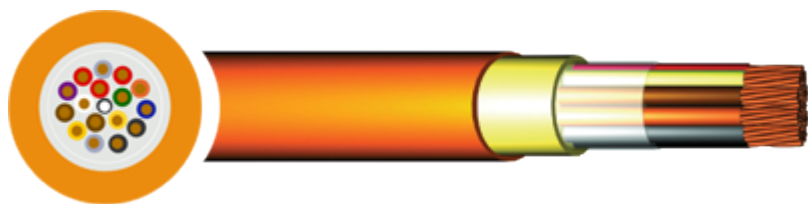


BS6436/87 Non Armoured Traffic Signal Cable -1mm



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



Installation Guidelines

Recommended for installation at temperatures above 0°C



Voltage Rating

600/1000 Volts



Minimum Bending Radius

As Per Manufacturers Datasheet

Construction

- **Conductor:** Annealed Solid Copper Conductor
- **Insulation:** Polyvinyl Chloride (PVC)
- **Sheath:** PVC (Polyvinyl Chloride)
- **Sheath Colour:** Orange

Standards

- BS6346/87

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

BS6436/87 Non Armoured Traffic Signal Cable -1mm - 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
TRAF8X1E	1C+E	8	1/1.13	14.49	523	25
TRAF12X1E	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.

For more information contact: 01642 241 133

