CLEVELAND CABLE COMPANY
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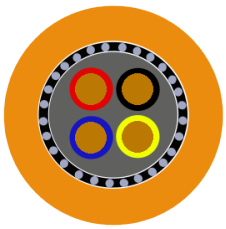
BS 6346 ARMOURED LOOP FEEDER CABLE



APPLICATION

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.

CABLE STANDARDS

BS6346/87

CONSTRUCTION

Conductor: Plain Annealed Solid Copper

Insulation: Polyethylene (PE)

Bedding: Polyethylene (PE)

Armouring: Galvanised Steel Wire Armour

Sheath: Polyethylene (PE)

Sheath Colour: Orange

CHARACTERISTICS

Voltage Rating: 600/1000 Volts

Temperature Limits: -15°C to +70°C

Minimum Bending Radius: As per cable manufacturer datasheet

CORE IDENTIFICATION

2 Core: Black, Red

4 Core: Black, Red, Blue, Yellow

Should not be installed at temperatures below 0°C +60°C

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BS 6346 UNARMOURED LOOP FEEDER CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM^2)	STRANDING (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER	GLAND SIZE
LOOP2X1/5SWA	1.5	1/1.38	2 (1pr)	235	11.8	20S
LOOP4X1/5SWA	1.5	1/1.38	4 (2pr)	300	12.7	20S
LOOP2X2/5SWA	2.5	1/1.78	2 (1pr)	279	12.5	20S
LOOP4X2/5SWA	2.5	1/1.78	4 (2pr)	383	15	20

BS 6346 UNARMOURED LOOP FEEDER CABLE – ELECTRICAL CHARACTERISTICS

NUMBER OF CORES	CONDUCTOR SIZE (MM^2)	MAXIMUM CONDUCTOR RESISTANCE AT 20ºC OHMS/KM	CURRENT CARRYING CAPACITY		VOLTAGE DROP MV/A/M
			IN AIR (AMPS)	DIRECT BURIAL (AMPS)	
2	1.5	12.1	10	9	38
4	1.5	12.1	11	10	38
2	2.5	13.42	31	26	27
4	2.5	13.42	28	23	27

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

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