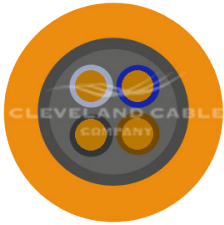


BS 6346 UNARMoured LOOP FEEDER CABLE



APPLICATION

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.

CABLE STANDARDS

BS6346/87

CONSTRUCTION

Conductor: Annealed Solid Copper Conductor

Insulation: Polyethylene (PE)

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: ■ Brown ■ Blue

4 Core: ■ Brown ■ Black ■ Grey ■ Blue

Should not be installed at temperatures below 0°C

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
LOOP2X1/5	1.5	1/1.38	2 (1pr)	80	9	20S
LOOP4X1/5	1.5	1/1.38	4 (2pr)	123	9.1	20S
LOOP2X2/5	2.5	1/1.78	2 (1pr)	110	9.3	20S
LOOP4X2/5	2.5	1/1.78	4 (2pr)	180	10.7	20S

BS 6346 UNARMoured LOOP FEEDER CABLE – ELECTRICAL CHARACTERISTICS

NUMBER OF CORES	CONDUCTOR SIZE (MM ²)	MAXIMUM CONDUCTOR RESISTANCE AT 20°C 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

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.