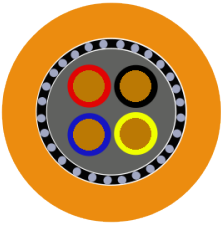




## BS 6346 ARMoured LOOP FEEDER CABLE



### 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

For more information contact:  
**01642 241 133**



## BS 6346 ARMoured LOOP FEEDER CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	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 ARMoured LOOP FEEDER CABLE - ELECTRICAL CHARACTERISTICS

NUMBER OF CORES	CONDUCTOR SIZE (MM <sup>2</sup> )	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.

For more information contact:  
**01642 241 133**