

## Coil End Lead Cable BS6195 - 2.5mm<sup>2</sup> to 500mm<sup>2</sup>



### Description

Coil end lead cable is primarily used in electrical machinery and panel wiring with the added advantage of having HOFR sheath that resists lubricant penetration. The coil end cable is quite often used as an alternative to tri/bi-rated cables in some panel wiring installations.

### Key Features



#### Voltage Rating

A: 300/500V  
C: 600/1000V  
D: 1900/3300V  
E: 3800/6600V  
F: 6350/11000V



#### Minimum Bending Radius

Fixed: 4 x overall diameter  
Flexing: 6 x overall diameter



#### Flame Retardancy

BS EN 60332-1-2



#### Temperature Limits

Temperature Range: -20°C to +90°C

### Standards

- BS 6195/69 Type 4
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228

### Construction

- **Conductor:** Class 5 tinned copper
- **Insulation:** EPR (Ethylene Propylene Rubber)
- **Separator:** Polyester Tape (PET)
- **Outer Sheath:** Types A1 & B: Heavy Duty Polychloroprene (HDPCCP)  
Types A2 & A3: Low Smoke Zero Halogen (LSZH)

### QA Lab

#### 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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### 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.



### 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

Coil End Lead Cable BS6195 - 2.5mm² to 500mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	ApproxDia of Cond (mm)	Max Dia of wires (mm)	Weight(Kg/Km)
TYPE4C2/5	2.5	1	50/0.25	2	0.26	2
TYPE4C6	6	1	84/0.30	3.6	0.31	3.6
TYPE4C10	10	1	80/0.40	4.6	0.41	4.6
TYPE4C16	16	1	126/0.40	5.7	0.41	5.7
TYPE4C25	25	1	196/0.40	7.1	0.41	7.1
TYPE4C35	35	1	276/0.40	8.5	0.41	8.5
TYPE4C50	50	1	396/0.40	10.3	0.41	10.3
TYPE4	70	1	360/0.50	12.4	0.51	12.4
TYPE4	95	1	475/0.50	14.5	0.51	14.5
TYPE4	120	1	608/0.50	16	0.51	16
TYPE4	150	1	756/0.50	18	0.51	18
TYPE4	185	1	925/0.50	20	0.51	20
TYPE4	240	1	1221/0.50	23	0.51	23
TYPE4F300	300	1	1525/0.5	23	0.51	26
TYPE4	300	1	1525/0.50	26	0.51	26
TYPE4F400	400	1	2013/0.5	23	0.51	30
TYPE4	400	1	2013/0.5	30	0.51	30
TYPE4C500	500	1	3679/0.40	29	0.61	29

## TYPE 4 COIL END LEAD - VOLTAGE CATEGORY

CCCL PRODUCT CODE	VOLTAGE CATEGORY					VOLTAGE CATEGORY				
	NOMINAL OVERALL DIAMETER					WEIGHT				
	A	C	D	E	F	A	C	D	E	F
	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)	(MM)
TYPE 4 1/5	4	5.20	-	-	-	25	30	-	-	-
TYPE4 2/5	4.6	5.60	8.5	-	-	37	41	76	-	-
TYPE 4 4	5.4	6.30	-	-	-	57	66	-	-	-
TYPE4 6	6.5	7.50	-	-	-	80	93	-	-	-
TYPE4 10	7.9	8.50	-	-	-	130	136	-	-	-
TYPE4 16	-	9.60	12.4	17.20	22.90	-	206	255	384	566
TYPE 4 25	-	11.40	13.8	18.60	24.10	-	300	351	495	680
TYPE 4 35	-	12.80	15.2	20.00	25.50	-	406	458	613	810
TYPE 4 50	-	14.80	17.1	21.10	27.30	-	573	616	796	997
TYPE 4 70	-	17.20	19.2	24.20	29.40	-	793	820	1020	1237
TYPE 4 95	-	19.70	22	26.30	31.50	-	1028	1097	1287	1520
TYPE 4 120	-	21.90	23.5	27.80	33.30	-	1285	1340	1542	1804
TYPE 4 150	-	24.10	25.5	29.80	35.30	-	1562	1635	1853	2131
TYPE 4 185	-	26.30	27.5	32.10	37.30	-	1914	1973	2225	2503
TYPE 4 240	-	29.30	30.5	35.10	40.30	-	2431	2504	2782	3081
TYPE 4 300	-	33.00	33.8	-	-	-	3024	3098	-	-
TYPE4 400	-	37.40	37.8	-	-	-	3948	4045	-	-
TYPE4 500	-	34.80	-	-	-	-	4920	-	-	-

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.