Coil End Lead Cable BS6195 - 2.5mm² to 500mm²



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**: Chlorinated Polyethylene (CPE)

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

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.

ISO/IEC 17025 Accredited Testing Laboratory

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

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)
TYPE4C1/5	1.5	1	30/0.25	1.6	0.26	34
TYPE4C2/5	2.5	1	50/0.25	2	0.26	45
TYPE4C6	6	1	84/0.30	3.6	0.31	97
TYPE4C10	10	1	80/0.40	4.6	0.41	130
TYPE4C16	16	1	126/0.40	5.7	0.41	190
TYPE4C25	25	1	196/0.40	7.1	0.41	290
TYPE4C35	35	1	276/0.40	8.5	0.41	380
TYPE4C50	50	1	396/0.40	10.3	0.41	510
TYPE4F70	70	1	360/0.50	12.4	0.51	1344
TYPE4D70	70	1	360/0.50	12.4	0.51	894
TYPE4C70	70	1	360/0.50	12.4	0.51	750
TYPE4F95	95	1	475/0.50	14.5	0.51	1610
TYPE4D95	95	1	475/0.50	14.5	0.51	1168
TYPE4C95	95	1	475/0.50	14.5	0.51	935
TYPE4F120	120	1	608/0.50	16	0.51	1919
TYPE4D120	120	1	608/0.50	16	0.51	1433
TYPE4C120	120	1	608/0.50	16	0.51	1160
TYPE4F150	150	1	756/0.50	18	0.51	2248
TYPE4D150	150	1	756/0.50	18	0.51	1734
TYPE4C150	150	1	756/0.50	18	0.51	1450
TYPE4F185	185	1	925/0.50	20	0.51	2616
TYPE4D185	185	1	925/0.50	20	0.51	2073
TYPE4C185	185	1	925/0.50	20	0.51	1770
TYPE4F240	240	1	1221/0.50	23	0.51	3252
TYPE4D240	240	1	1221/0.50	23	0.51	2657
TYPE4C240	240	1	1221/0.50	23	0.51	2260
TYPE4D300	300	1	1525/0.50	26	0.51	3279
TYPE4C300	300	1	1525/0.50	26	0.51	2760
TYPE4D400	400	1	2013/0.5	30	0.51	4229
TYPE4C400	400	1	2013/0.5	30	0.51	3880
TYPE4C500	500	1	3679/0.40	29	0.61	4650

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)	(Km/Kg)	(Km/Kg)	(Km/Kg)	(Km/Kg)	(Km/Kg)
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.