

# Power Cable

## Type A - High Density Polyethylene Construction

3 KV Round 180 °F / 82 °C Maximum

Type	AWG	Wire Type	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
PE	1	STR	PE	HDPE	None	1.20	1.66	1.19	30.2
PE	2	STR	PE	HDPE	None	1.00	1.38	1.12	28.4
PE	4	SLD	PE	HDPE	None	0.69	0.95	0.94	23.9
PE	6	SLD	PE	HDPE	None	0.49	0.68	0.85	21.6
PE	8	SLD	PE	HDPE	None	0.35	0.48	0.76	19.3

## Type B - Polypropylene Ethylene and Nitrile Construction

4 KV Round 210 °F / 99 °C Maximum

Type	AWG	Wire Type	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
PPEO	1	STR	PPE	Nitrile	Galv	1.75	2.42	1.37	34.8
PPEO	2	STR	PPE	Nitrile	Galv	1.57	2.17	1.31	33.3
PPEO	4	SLD	PPE	Nitrile	Galv	1.13	1.56	1.16	29.5
PPEO	6	SLD	PPE	Nitrile	Galv	0.85	1.18	1.01	25.7

Type	AWG	Wire Type	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
PPEO	1	STR	PPE	Nitrile	Monel	1.75	2.42	1.37	34.8
PPEO	2	STR	PPE	Nitrile	Monel	1.57	2.17	1.31	33.3
PPEO	4	SLD	PPE	Nitrile	Monel	1.13	1.56	1.16	29.5
PPEO	6	SLD	PPE	Nitrile	Monel	0.85	1.18	1.01	25.7

4 KV Flat 210 °F / 99 °C Maximum

Type	AWG	Wire Type	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
PPEO	1	STR	PPE	NITRILE	GALV	1.60	2.21	1.89-72	48-18
PPEO	2	STR	PPE	NITRILE	GALV	1.40	1.94	1.79-68	46-17
PPEO	4	SLD	PPE	NITRILE	GALV	1.07	1.48	1.62-62	41-16

Type	AWG	Wire Type	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
PPEO	1	STR	PPE	NITRILE	MONEL	1.60	2.21	1.89-72	48-18
PPEO	2	STR	PPE	NITRILE	MONEL	1.40	1.94	1.79-68	46-17
PPEO	4	SLD	PPE	NITRILE	MONEL	1.07	1.48	1.62-62	41-16

## Power Cable

### Type C - Double Ethylene Propylene Diene Methylene (EPDM) Construction

**4 KV Round** 350 °F / 176 °C Maximum

Type	AWG	WireType	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
EE	1	STR	EPDM	EPDM	Galv	1.85	2.56	1.37	34.8
EE	2	STR	EPDM	EPDM	Galv	1.57	2.17	1.31	33.3
EE	4	SLD	EPDM	EPDM	Galv	1.20	1.66	1.16	29.5

**4 KV Flat** 350 °F / 176 °C Maximum

Type	AWG	WireType	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
EE	1	STR	EPDM	EPDM	GALV	1.60	2.21	1.89-72	48-18
EE	2	STR	EPDM	EPDM	GALV	1.40	1.94	1.79-68	46-17
EE	4	SLD	EPDM	EPDM	GALV	1.07	1.48	1.62-62	41-16

### Type D - Polypropylene Ethylene and Lead with Braid Construction

**4 KV Flat** 400 °F / 204 °C Maximum

Type	AWG	WireType	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
ELB	1	STR	EPR	PB	GALV	2.37	3.28	1.7-.67	44-17
ELB	2	STR	EPR	PB	GALV	2.16	2.99	1.6-.63	42-16
ELB	4	SLD	EPR	PB	GALV	1.52	2.10	1.3-.52	34-13
ELB	6	SLD	EPR	PB	GALV	1.25	1.73	1.2-.48	31-12

Type	AWG	WireType	Insulation	Jacket	Armor	Weight		Dimensions	
						lbs/ft	kgs/meter	inches	mm
ELB	1	STR	EPR	PB	MONEL	2.37	3.28	1.7-.67	44-17
ELB	2	STR	EPR	PB	MONEL	2.16	2.99	1.6-.63	42-16
ELB	4	SLD	EPR	PB	MONEL	1.52	2.10	1.3-.52	34-13
ELB	6	SLD	EPR	PB	MONEL	1.25	1.73	1.2-.48	31-12

### Material Nomenclature

- PPEO- Polypropylene Ethylene Insulation, Oil resistant jacket
- ELB- Ethylene Propylene Rubber Insulation / Lead jacket / Braid
- STR- Stranded Conductor
- SLD- Solid Conductor
- PPE- Polypropylene Ethylene
- EPR- Ethylene Propylene Rubber
- EPDM- Ethylene Propylene Diene Methylene
- PE- Polyethylene
- HDPE- High Density Polyethylene
- PB- Lead

## Flat Cable Extensions

### 456 Series

<u>Description</u>	<u>Size</u>	<u>Armor</u>	<u>Length</u>	<u>Weight</u>
KELB 6LG4KV	#6	GALV	30	33
KELB 6LG4KV	#6	GALV	40	44
KELB 6LG4KV	#6	GALV	55	60
KELB 6LG4KV	#6	GALV	70	77
KELB 6LG4KV	#6	GALV	90	100
KELB 6LG4KV	#6	GALV	110	122

### 540 Series

<u>Description</u>	<u>Size</u>	<u>Armor</u>	<u>Length</u>	<u>Weight</u>
KELB 4LM4KV	#4	MONEL	30	39
KELB 4LM4KV	#4	MONEL	40	52
KELB 4LM4KV	#4	MONEL	55	72
KELB 4LM4KV	#4	MONEL	70	91
KELB 4LM4KV	#4	MONEL	90	118
KELB 4LM4KV	#4	MONEL	110	144

### 540 Series

<u>Description</u>	<u>Size</u>	<u>Armor</u>	<u>Length</u>	<u>Weight</u>
KELB 4LG4KV	#4	GALV	30	41
KELB 4LG4KV	#4	GALV	40	54
KELB 4LG4KV	#4	GALV	55	74
KELB 4LG4KV	#4	GALV	70	94
KELB 4LG4KV	#4	GALV	90	121
KELB 4LG4KV	#4	GALV	110	147

### KOBE / BAKER Style - Male Plug-in Potheads

<u>Description</u>	<u>Size</u>	<u>Armor</u>	<u>Length</u>	<u>Weight</u>
KELB-UNIVERSAL	#4	MONEL	30	23
KELB-UNIVERSAL	#4	MONEL	42	31
KELB-UNIVERSAL	#4	MONEL	58	43
KELB-UNIVERSAL	#4	MONEL	74	55

## Cable Accessories

### Cable Reels - Steel

Nominal Size		50"	66"	78"	85"	90"
Flange Diameter	Inches	50	66	78	85	90
	mm	1270	1676	1981	2159	2286
Drum Diameter	Inches	30	36	42	42	42
	mm	762	914	1067	1067	1067
Traverse Width	Inches	40	40	57	57	57
	mm	1016	1016	1448	1448	1448
Overall Width	Inches	46	46	64	64	64
	mm	1168	1168	1626	1626	1626
Weight	Pounds	335	460	811	975	1064
	Kgs	152	209	368	442	483

### Cable Clamps

Material		
Steel	Monel	Stainless
	Size	
	Inches	mm
	22	559
	32	813
	42	1067

### Cable Clamps Saddles

Cable Type	Length		Weight	
	Inches	mm	Pounds	Kgs
#6 Armor -#8 NO Armor	2	51	0.06	0.03
#4 Armor -#6 NO Armor	2	51	0.08	0.04
#2 Armor -#4 NO Armor	2	51	0.09	0.04
#1 Armor -#2 NO Armor	2	51	0.10	0.05

### Flat Cable Guard

Material	Length		Weight	
	Feet	Meters	Pounds	Kgs
Galvanized Carbon Steel	9.6	3	8	3.4