

# High Voltage DC Silicone Rubber Cables



**Caledonian**

# CONTENT

5kV DC Screened Silicone Wire	3
5kV DC Unscreened Silicone Wire	5
10kV DC Screened Silicone Wire	7
10kV DC Unscreened Silicone Wire	9
15kV DC Screened Silicone Wire	11
15kV DC Unscreened Silicone Wire	13
20kV DC Screened Silicone Wire	15
20kV DC Unscreened Silicone Wire	17
25kV DC Screened Silicone Wire	19
25kV DC Unscreened Silicone Wire	21
30kV DC Screened Silicone Wire	23
30kV DC Unscreened Silicone Wire	25
50kV DC Screened Silicone Wire	27
50kV DC Unscreened Silicone Wire	28
100kV DC Screened Silicone Wire	30
100kV DC Unscreened Silicone Wire	32



## 5kV DC Screened Silicone Wire

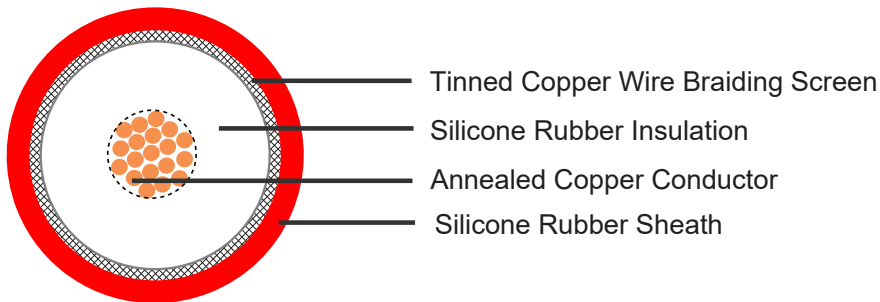
### APPLICATIONS:

The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

5kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
5DC-SCS-1C0.20	1x0.20	7/0.20	0.6	4.1
5DC-SCS-1C0.35	1x0.35	19/0.16	0.8	4.3
5DC-SCS-1C0.50	1x0.50	16/0.2	0.94	4.5
5DC-SCS-1C0.75	1x0.75	24/0.2	1.2	5.3
5DC-SCS-1C1.0	1x1.0	32/0.2	1.34	5.8
5DC-SCS-1C1.5	1x1.5	30/0.25	1.6	6.6
5DC-SCS-1C2.5	1x2.5	49/0.25	2.1	7.5



## 5kV DC Unscreened Silicone Wire

### APPLICATIONS:

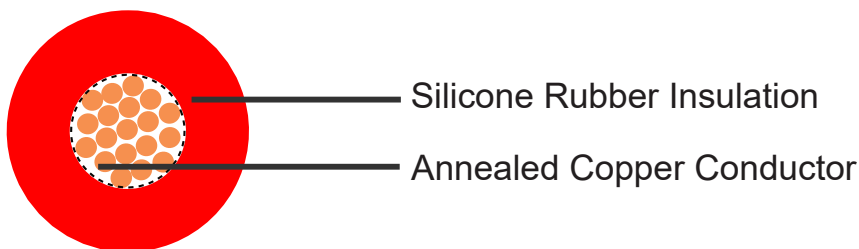
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

15kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
5DC-S-1C0.20	1x0.20	7/0.20	0.6	2.6
5DC-S-1C0.35	1x0.35	19/0.16	0.8	2.8
5DC-S-1C0.50	1x0.50	16/0.2	0.94	3.0
5DC-S-1C0.75	1x0.75	24/0.2	1.2	3.6
5DC-S-1C1.0	1x1.0	32/0.2	1.34	4.0
5DC-S-1C1.5	1x1.5	30/0.25	1.6	4.6
5DC-S-1C2.5	1x2.5	49/0.25	2.1	5.4



## 10kV DC Screened Silicone Wire

### APPLICATIONS:

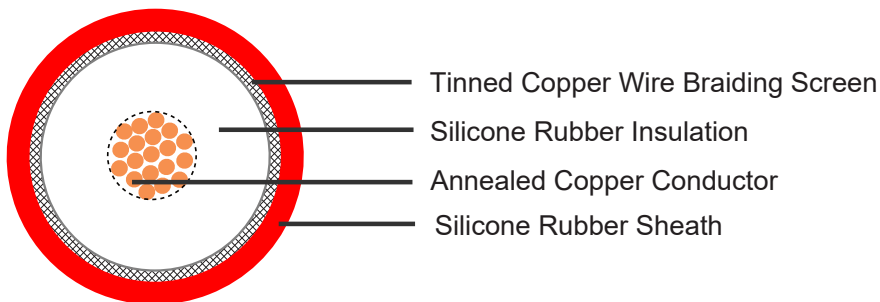
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

10kV



### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
10DC-SCS-1C0.20	1x0.20	7/0.20	0.6	4.7
10DC-SCS-1C0.35	1x0.35	19/0.16	0.8	4.9
10DC-SCS-1C0.50	1x0.50	16/0.2	0.94	5.1

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
10DC-SCS-1C0.75	1x0.75	24/0.2	1.2	6.2
10DC-SCS-1C1.0	1x1.0	32/0.2	1.34	6.4
10DC-SCS-1C1.5	1x1.5	30/0.25	1.6	6.6
10DC-SCS-1C2.5	1x2.5	49/0.25	2.1	7.8
10DC-SCS-1C4.0	1x4.0	56/0.3	2.61	8.0
10DC-SCS-1C6.0	1x6.0	84/0.3	3.21	8.2





## 10kV DC Unscreened Silicone Wire

### APPLICATIONS:

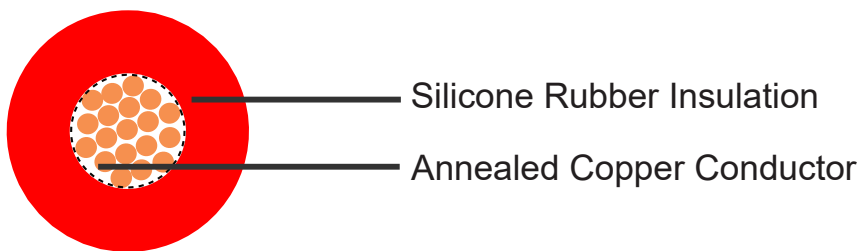
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

10kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
10DC-S-1C0.20	1x0.20	7/0.20	0.6	3.2
10DC-S-1C0.35	1x0.35	19/0.16	0.8	3.4
10DC-S-1C0.50	1x0.50	16/0.2	0.94	3.6

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
10DC-S-1C0.75	1x0.75	24/0.2	1.2	4.2
10DC-S-1C1.0	1x1.0	32/0.2	1.34	4.4
10DC-S-1C1.5	1x1.5	30/0.25	1.6	5.2
10DC-S-1C2.5	1x2.5	49/0.25	2.1	5.8
10DC-S-1C4.0	1x4.0	56/0.3	2.61	6.8
10DC-S-1C6.0	1x6.0	84/0.3	3.21	7.6



## 15kV DC Screened Silicone Wire

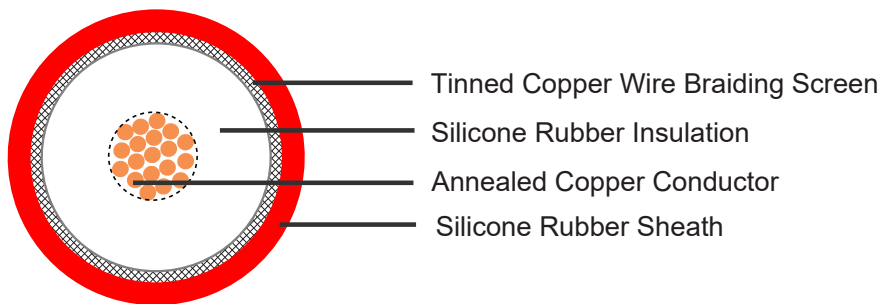
### APPLICATIONS:

The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

15kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
15DC-SCS-1C0.20	1x0.20	7/0.20	0.6	5.5
15DC-SCS-1C0.35	1x0.35	19/0.16	0.8	5.7
15DC-SCS-1C0.50	1x0.50	16/0.2	0.94	5.9
15DC-SCS-1C0.75	1x0.75	24/0.2	1.2	6.9
15DC-SCS-1C1.0	1x1.0	32/0.2	1.34	7.0
15DC-SCS-1C1.5	1x1.5	30/0.25	1.6	8.0
15DC-SCS-1C2.5	1x2.5	49/0.25	2.1	8.6
15DC-SCS-1C4.0	1x4.0	56/0.3	2.61	9.6
15DC-SCS-1C6.0	1x6.0	84/0.3	3.21	10.4



## 15kV DC Unscreened Silicone Wire

### APPLICATIONS:

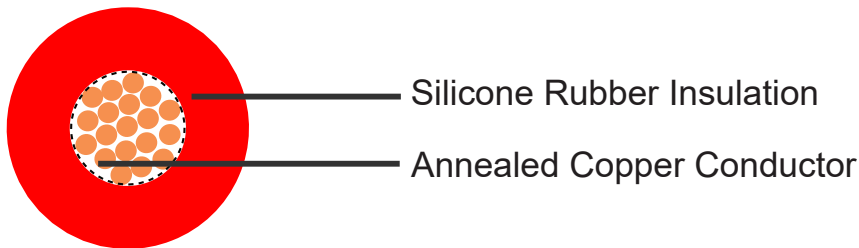
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

15kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
15DC-S-1C0.20	1x0.20	7/0.20	0.6	4.0
15DC-S-1C0.35	1x0.35	19/0.16	0.8	4.2
15DC-S-1C0.50	1x0.50	16/0.2	0.94	4.4

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
15DC-S-1C0.75	1x0.75	24/0.2	1.2	5.2
15DC-S-1C1.0	1x1.0	32/0.2	1.34	5.3
15DC-S-1C1.5	1x1.5	30/0.25	1.6	6.0
15DC-S-1C2.5	1x2.5	49/0.25	2.1	6.6
15DC-S-1C4.0	1x4.0	56/0.3	2.61	7.6
15DC-S-1C6.0	1x6.0	84/0.3	3.21	8.4



## 20kV DC Screened Silicone Wire

### APPLICATIONS:

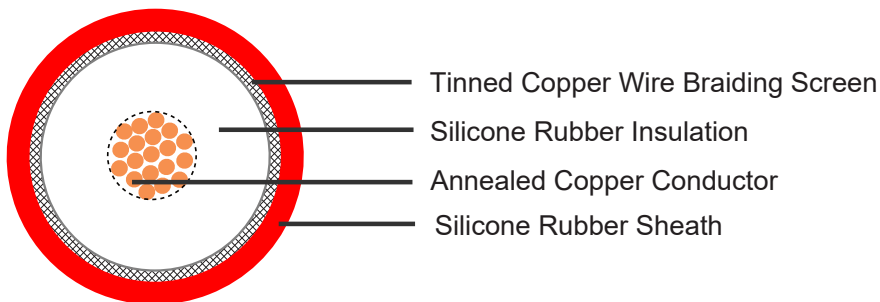
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

20kV



### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
20DC-SCS-1C0.20	1x0.20	7/0.20	0.6	5.7
20DC-SCS-1C0.35	1x0.35	19/0.16	0.8	5.9
20DC-SCS-1C0.50	1x0.50	16/0.2	0.94	6.1

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
20DC-SCS-1C0.75	1x0.75	24/0.2	1.2	7.3
20DC-SCS-1C1.0	1x1.0	32/0.2	1.34	7.5
20DC-SCS-1C1.5	1x1.5	30/0.25	1.6	8.1
20DC-SCS-1C2.5	1x2.5	49/0.25	2.1	9.0
20DC-SCS-1C4.0	1x4.0	56/0.3	2.61	10.0
20DC-SCS-1C6.0	1x6.0	84/0.3	3.21	10.8





## 20kV DC Unscreened Silicone Wire

### APPLICATIONS:

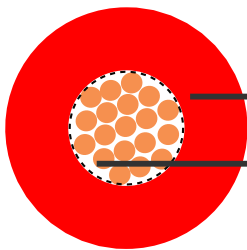
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

20kV

### CONSTRUCTION:



Silicone Rubber Insulation

Annealed Copper Conductor

**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
20DC-S-1C0.20	1x0.20	7/0.20	0.6	4.2
20DC-S-1C0.35	1x0.35	19/0.16	0.8	4.4
20DC-S-1C0.50	1x0.50	16/0.2	0.94	4.6

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
20DC-S-1C0.75	1x0.75	24/0.2	1.2	5.6
20DC-S-1C1.0	1x1.0	32/0.2	1.34	5.8
20DC-S-1C1.5	1x1.5	30/0.25	1.6	6.4
20DC-S-1C2.5	1x2.5	49/0.25	2.1	7.0
20DC-S-1C4.0	1x4.0	56/0.3	2.61	8.0
20DC-S-1C6.0	1x6.0	84/0.3	3.21	8.8



## 25kV DC Screened Silicone Wire

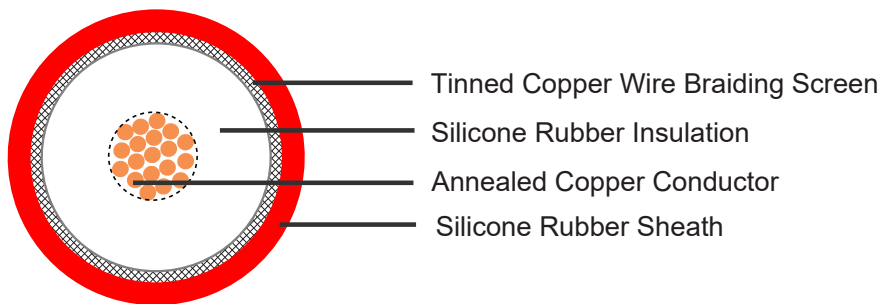
### APPLICATIONS:

The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

25kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
25DC-SCS-1C0.20	1x0.20	7/0.20	0.6	7.1
25DC-SCS-1C0.35	1x0.35	19/0.16	0.8	7.3
25DC-SCS-1C0.50	1x0.50	16/0.2	0.94	7.5
25DC-SCS-1C0.75	1x0.75	24/0.2	1.2	8.3
25DC-SCS-1C1.0	1x1.0	32/0.2	1.34	8.5
25DC-SCS-1C1.5	1x1.5	30/0.25	1.6	8.7
25DC-SCS-1C2.5	1x2.5	49/0.25	2.1	10.0
25DC-SCS-1C4.0	1x4.0	56/0.3	2.61	11.0
25DC-SCS-1C6.0	1x6.0	84/0.3	3.21	11.8



## 25kV DC Unscreened Silicone Wire

### APPLICATIONS:

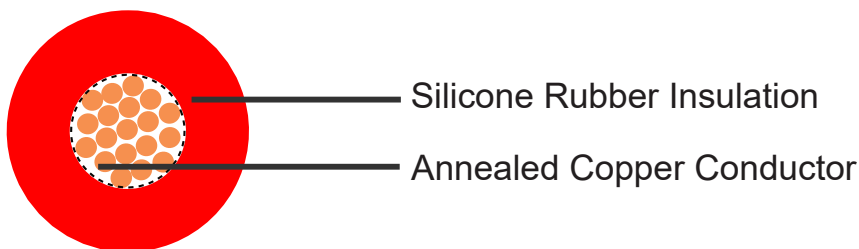
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

25kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
25DC-S-1C0.20	1x0.20	7/0.20	0.6	5.6
25DC-S-1C0.35	1x0.35	19/0.16	0.8	5.8
25DC-S-1C0.50	1x0.50	16/0.2	0.94	6.0

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
25DC-S-1C0.75	1x0.75	24/0.2	1.2	6.6
25DC-S-1C1.0	1x1.0	32/0.2	1.34	6.8
25DC-S-1C1.5	1x1.5	30/0.25	1.6	7.5
25DC-S-1C2.5	1x2.5	49/0.25	2.1	8.0
25DC-S-1C4.0	1x4.0	56/0.3	2.61	9.0
25DC-S-1C6.0	1x6.0	84/0.3	3.21	9.8



## 30kV DC Screened Silicone Wire

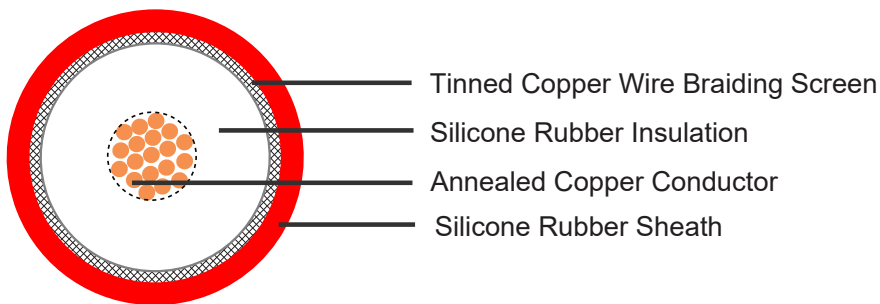
### APPLICATIONS:

The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### Rated Voltage

30kV

### CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
30DC-SCS-1C0.20	1x0.20	7/0.20	0.6	8.1
30DC-SCS-1C0.35	1x0.35	19/0.16	0.8	8.3
30DC-SCS-1C0.50	1x0.50	16/0.2	0.94	8.5
30DC-SCS-1C0.75	1x0.75	24/0.2	1.2	9.7
30DC-SCS-1C1.0	1x1.0	32/0.2	1.34	9.9
30DC-SCS-1C1.5	1x1.5	30/0.25	1.6	10.7
30DC-SCS-1C2.5	1x2.5	49/0.25	2.1	11.4
30DC-SCS-1C4.0	1x4.0	56/0.3	2.61	12.5
30DC-SCS-1C6.0	1x6.0	84/0.3	3.21	13.2





## 30kV DC Unscreened Silicone Wire

### APPLICATIONS:

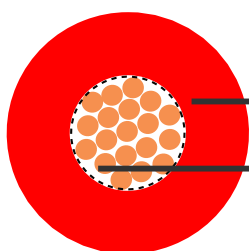
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



### Rated Voltage

30kV

### CONSTRUCTION:



Silicone Rubber Insulation

Annealed Copper Conductor

**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

### COLOR CODE:

Red, (other colours upon request).

### PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

### Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
30DC-S-1C0.20	1x0.20	7/0.20	0.6	6.6
30DC-S-1C0.35	1x0.35	19/0.16	0.8	6.8
30DC-S-1C0.50	1x0.50	16/0.2	0.94	7.0

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
30DC-S-1C0.75	1x0.75	24/0.2	1.2	8.0
30DC-S-1C1.0	1x1.0	32/0.2	1.34	8.2
30DC-S-1C1.5	1x1.5	30/0.25	1.6	9.0
30DC-S-1C2.5	1x2.5	49/0.25	2.1	9.4
30DC-S-1C4.0	1x4.0	56/0.3	2.61	10.5
30DC-S-1C6.0	1x6.0	84/0.3	3.21	11.2



## 50kV DC Screened Silicone Wire

### APPLICATIONS

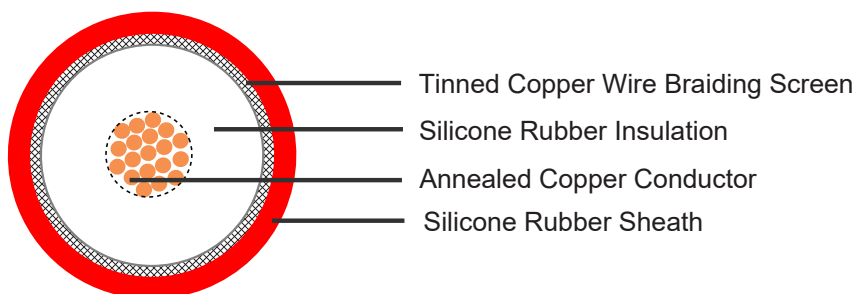
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

### RATED VOLTAGE

50kV



### CONSTRUCTION



**Conductor:** Silver plated copper conductor, class 5.

**Insulation:** Low smoke zero halogen silicone rubber.

**Wrapping Tape:** Polyester tape.

**Screen:** Tinned copper wire braiding.

**Wrapping Tape:** Aluminium tape.

**Sheath:** Low smoke zero halogen silicone rubber, resistant to oils, corrosion, solvents, chemicals, dilute acids or bases.

### COLOR CODE

White, (other colours upon request).

### PHYSICAL PROPERTIES

**Operating Temperature:** -45°C-180°C

### DIMENSION DATA

Part No.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
50DC-SCS-1C0.75-LSOH	1x0.75	24/0.2	1.2	14.5

# 50kV DC Unscreened Silicone Wire

## APPLICATIONS:

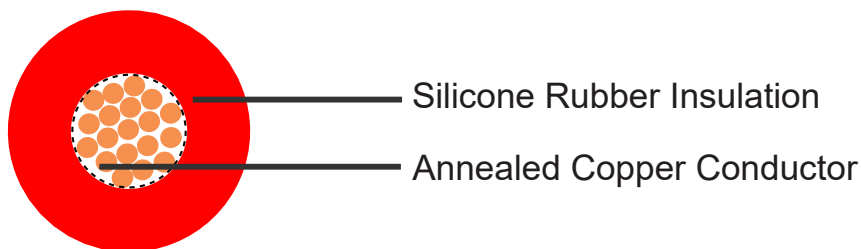
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



## Rated Voltage

50kV

## CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

## COLOR CODE:

Red, (other colours upon request).

## PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
50DC-S-1C0.20	1x0.20	7/0.20	0.6	14.6
50DC-S-1C0.35	1x0.35	19/0.16	0.8	14.8
50DC-S-1C0.50	1x0.50	16/0.2	0.94	15.0



# Caledonian High Voltage Cables

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	mm
50DC-S-1C0.75	1x0.75	24/0.2	1.2	15.6
50DC-S-1C1.0	1x1.0	32/0.2	1.34	15.8
50DC-S-1C1.5	1x1.5	30/0.25	1.6	16.6
50DC-S-1C2.5	1x2.5	49/0.25	2.1	17.2
50DC-S-1C4.0	1x4.0	56/0.3	2.61	19.0
50DC-S-1C6.0	1x6.0	84/0.3	3.21	20.0

# 100kV DC Screened Silicone Wire

---

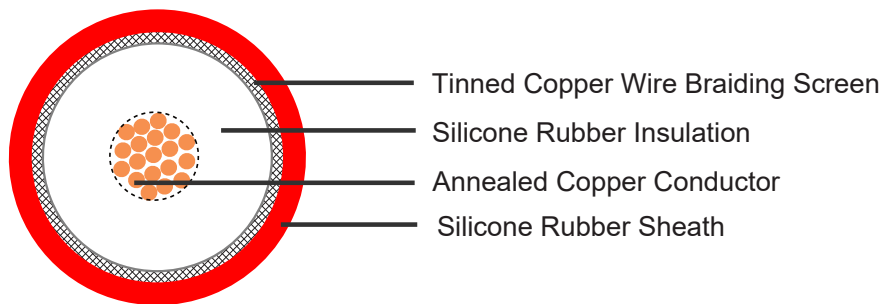
## APPLICATIONS:

The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.

## Rated Voltage

100kV

## CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.

**Insulation:** Silicone rubber.

**Screen:** Tinned copper wire braiding.

**Sheath:** Silicone rubber.

## COLOR CODE:

Red, (other colours upon request).

## PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C



# Caledonian High Voltage Cables



## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
100DC-SCS-1C1.0	1x1.0	32/0.2	1.34	26.7
100DC-SCS-1C1.5	1x1.5	30/0.25	1.6	29.5
100DC-SCS-1C2.5	1x2.5	49/0.25	2.1	30.2

# 100kV DC Unscreened Silicone Wire

## APPLICATIONS:

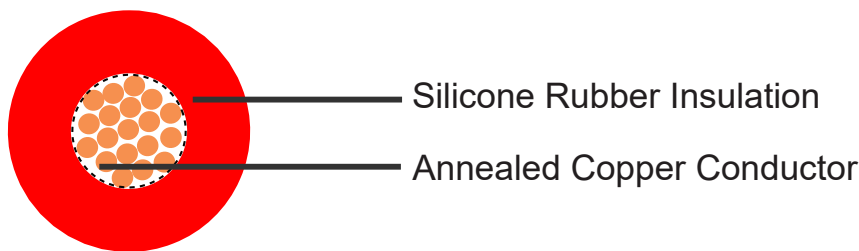
The single core cables are suitable for high-voltage cabinet, power system, high voltage electric machineries, television receivers, transformers, high-voltage cables for electronic instruments, etc.



## Rated Voltage

100kV

## CONSTRUCTION:



**Conductor:** Annealed copper conductor, class 5.  
**Insulation:** Silicone rubber.

## COLOR CODE:

Red, (other colours upon request).

## PHYSICAL PROPERTIES:

**Operating Temperature:** -45°C-180°C

## Dimension Data

Part NO.	Conductor			Approx. Overall Diameter
	No. of Core X Cross Section	No./Nominal Diameter of Strands	Nominal Diameter	
	mm <sup>2</sup>	No./mm	mm	
100DC-S-1C1.0	1x1.0	32/0.2	1.34	25.0
100DC-S-1C1.5	1x1.5	30/0.25	1.6	27.8
100DC-S-1C2.5	1x2.5	49/0.25	2.1	28.5