



# Caledonian

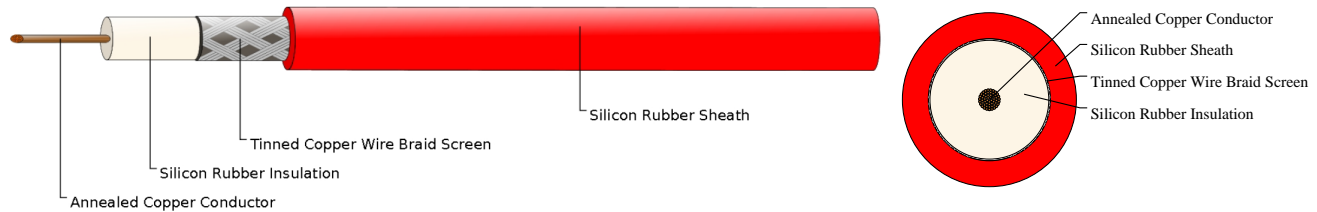
High Voltage Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## 50kV DC Screened Silicon Wire

50DC-SCS-1C4



## 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.

## VOLTAGE RATING

50kV

## CABLE CONSTRUCTION

Conductor: Annealed copper conductor, class 5.

Insulation: Silicon rubber.

Screen: Tinned copper wire braid.

Sheath: Silicon rubber.

## COLOUR CODE

Red, (other colours upon request).

## PHYSICAL AND THERMAL PROPERTIES

Operating Temperature: -45°C-180°C

## DIMENSION AND PARAMETERS

| Caledonian Cable Code | No. of Cores × Cross-sectional Area | No./Nominal Diameter of Strands | Conductor Diameter | Approx. Overall Diameter |
|-----------------------|-------------------------------------|---------------------------------|--------------------|--------------------------|
|                       | No. × mm <sup>2</sup>               | no./mm                          | mm                 | mm                       |
| 50DC-SCS-1C4          | 1x4                                 | 56/0.3                          | 2.61               | 21.5                     |