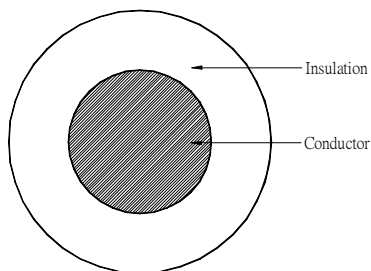


**Cross Section**



**Performance**

**Electrical Characteristics:**

Min. Insulation DC Resistance ( $\Omega$ .mm)	10 <sup>9</sup>
Dielectric Strength (kV)	5.0/0.15S(Spark) 1.0/1MIN(in water)
Max. DC Resistance at 20°C ( $\Omega$ /km)	50.2

**Marking**

AVSS 0.3mm<sup>2</sup> -LF- LTK

**Description**

Rated Voltage (V)	-----
Rated Temperature (°C)	-----

**Construction**

<b>1 Cores</b>	<b>Stranded Bare Copper</b>
Area(mm <sup>2</sup> )	0.30
Construction (mm)	7/0.26
Stranded Dia. (mm)	0.78
<b>Insulation</b>	<b>PVC</b>
Nom. Thickness (mm)	0.31
Min. Thickness (mm)	0.24
Insulation Dia. ( $\pm$ 0.05mm)	1.40
<b>Weight (kg/km)</b>	-----

**Mechanical Characteristics:**

<b>Test Object</b>	<b>Insulation</b>
Test Material	PVC
Before Tensile Strength (Mpa)	$\geq$ 15.7
Aging Elongation (%)	$\geq$ 125
Oil test:50CX20HRSX1000V/1MIN	No crock
High temperature :120CX120HRSX1KV/1MIN	No crock
Low temperature:-40CX3HRSX1KV/1MIN	No crock
Flame:15s.	$\leq$ 15s
Elongation:150CX15MIN	$\leq$ 4%
Abuse: (load,7N)	$>$ 100n

**Color**

Insulation:  
According to the customer's requirements.

Part No. : -----

Ref. spec No. : SK-W-144 Rev: 0

**Revision History**

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Prepared by: STEVEN 2011.4.22 Table No.:TFA046 Rev.: 7  
Approved by: KAKA 2011.4.22 Page 1 of 1

**\* Usage instruction:**

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment. not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire , please contact with our sales . When customers purchase our products,they should test to verify whether the products is applicable to the usage.