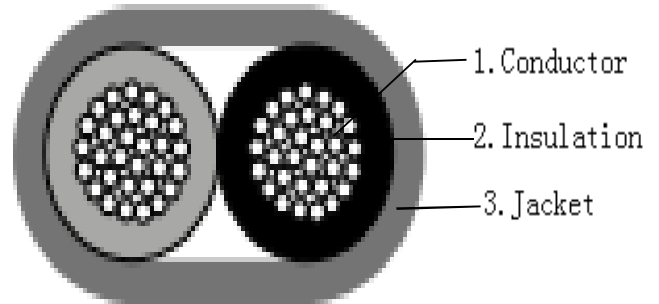


# #1127 - 2 x 10mm<sup>2</sup>(2 x 8 AWG) Black - Indoor



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## Design



Part NO: #1127

Product Code: RGW-2310

### Product Description

#### Application:

DC Power Supply Cable, TFL 252 325

#### Multi-construction

#### 2 Core

#### Construction

<b>Conductor</b>	<b>Tinned Copper</b>
Construction (class5)	10mm <sup>2</sup> (8 AWG)
<b>Wire Diameter(mm)</b>	<b>4.7</b>
<b>Insulation</b>	<b>LSOH</b>
Thickness	6.1 (nom)
Insulation Dia.(±0.15mm)	6.10 (Nom.) x 2 Core
Insulation Color	Black & Grey
<b>Jacket</b>	<b>LSOH</b>
Thickness(mm)	0.9 Nom
Dia.	8.0×14.0 (Nominal)
Jacket Color	Black
<b>Marking(White ink, 2 times/m, Print height=3.5mm)</b>	
RG Wire & Cable #1127 CA4 E478019 (UL) 2 x 10mm <sup>2</sup>	
VW-1 (2 x 8 AWG) yy/mm 90 C 600V 001m.....	
<b>PACKAGING</b>	
500M/Wooden Drum.	
<b>Cable Weight (Kg/m)</b>	0.25
Min Bending Radius	6 x OD 4 xOD when Fixed

## Electrical Characteristics

Max.Conductor DC Resistance at 20°C ( Ω /Km)	1.95
20°C Insulation Resistance(M Ω .KM)	1000
Operating temperature(°C)	-20(during Installation) to 90C -40(Fixed Installation) to 90C
Operating voltage(V)	600V
Inductance L	0.60μH/m
Test voltage(V)	F=50Hz 1 minute 2 KV AC
Tensile strength of insulation & sheath	10MPa
Elongation at break of insulation & sheath	100%
Min Insulation Resistivity @ 20C	2 G Ohm/m
Flame retardant	IEC 60332-3-24 Cat C UL 1581 VW-1 UL 1685, Vertical Tray Flame Test
Halogen Content	IEC 60754-2
Reference Compliance	NEC article 340
Conductor	IEC 60228 Class 5

## RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	

### Revision History

Rev 3	Print legend Change
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Date: 2015/3/25

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