



# HIGH TENSION CABLE

ST104 1.6mm

Datasheet

# THE STINGER ST104 1.6mm HIGH TENSION CABLE



## 1. SPECIFICATIONS

### Product Details

Product Code	ST 104 HT HV 12
Description	1.6 mm 1 CR PE PVC SWA PVC FR Black
Specification	Eskom
Type	High Voltage Security Fence Cable Armoured

### Installation Information

Overall Diameter (Nominal)	5.9mm
Minimum Bending Radius	10 X Diameter
Weight (Nominal)	87 kg's / 1000m
Drum Length (Nominal)	As per customer requirements
Drum Size	Depending on customer requirements

<b>Construction</b>	
Conductor Size	1.6mm ALU/WIRE
Insulation 1	Linear Low Density Polyethylene (White)
Insulation 1 Rwt	5 mm
Core O.d. 1 Nominal	1.6 mm
Insulation 2	PVC (Black)
Insulation 2 Rwt	1.0mm
Core O.d. 2 Nominal	5.9mm
No. Cores	1 (One)
Color Coding	Variable
Bedding	None
Armour	None
Outer Sheath	PVC FR Black
Colour Coding	Black Ultra Violet Stabilised

<b>Electrical Characteristics</b>	<b>SABS test mode 1064 &amp; 1065</b>
Maximum Operating Temperature	80°C
Conductor Resistance	33 Ohm / Km
Insulation Rating	15 kv a.c. continuous rating
Lightning Impulse	30 kv 6+ 6- in 1 hour
Assured Disruptive Discharge Vol.	60 kv r.m.s.
Insulation Test	25 kv – 1 minute
Current Rating	100mA
Continuity Test	1 kv