



# HQR INSULATED WIRE

## HIGH TEMPERATURE INSULATED WIRE 105°C CABLE

**ABERDARE**  
CABLES  
Driven by Powertech



### CABLE DESCRIPTION

High conductivity solid copper conductor to SANS 1411 Part 1. Insulated with D5 High temperature PVC 105°C to SANS 1411 Part 2.

### INSTALLATION INFORMATION

For the wiring of:

- Capacitor Tails
- Ballasts for Fluorescent Lights

### PROPERTIES

Specification : SANS 1507-2  
 Temperature Range : -10°C to 105°C  
 Voltage Rating : 300 / 500 V  
 Core Identification : White, Yellow, Black, Brown, Red, Orange, Tan, Light Blue and White  
 with a choice of either Yellow, Orange, Red, Black, Blue or Brown Stripes  
 Packaging : 1000m reels

### TECHNICAL DATA

Cable Size	Nominal Stranding No. x diameter	Approx. Overall Diameter	Current Rating *	Conductor Resistance @ 20°C Maximum	1 $\phi$ Volt Drop	Approx. Cable Mass per 100m Coil
(mm <sup>2</sup> )		(mm)	(A)	( $\Omega$ /km)	(mV/A/m)	(kg)
0,5	1 x 0,8	1,9	10	36	93	1,1

\* **Note:** - Assumed ambient air temperature 30°C.  
 - Assumed maximum conductor temperature 105°C.