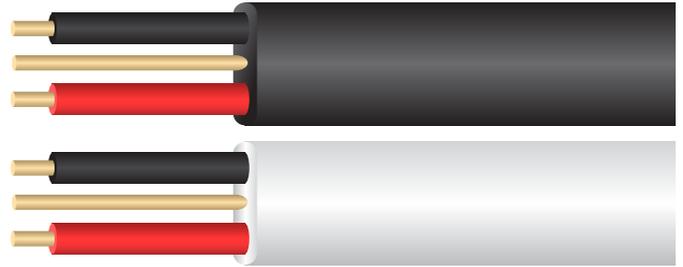
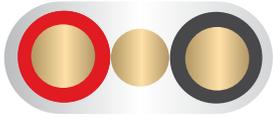


FLAT TWIN AND EARTH (FTE)

Solid or Stranded plain copper conductors, PVC insulated



SPECIFICATIONS (SABS 1507-2)

Voltage rating	300/500 Volts
Test voltage	2250 Volts
Current Capacity AC	As Per Table Below
Temperature range	-10° to +80°C
Conductor Class	1 or 2
Conductor Type	High conductivity annealed copper
Insulation Material	General purpose grade PVC
Sheath Material	Flexible grade PVC
Sheath Colour	White or Black
Core Colours (Twin and Earth)	Red, Black and Bare copper earth

Construction

High conductivity solid or stranded plain annealed copper conductors, insulated and colour coded with general purpose grade PVC. These insulated cores plus bare copper earth wire are then sheathed with flexible grade PVC in a flat parallel configuration.

APPLICATION

Suitable for direct installation without further protection in roofs, floors and under plaster in houses, offices and buildings. It's neat, low profile also allows for surface installation.

TECHNICAL DATA

White

Part no.	Cable Size	Conductor Type		Approx. Overall Diameter	Current Rating Note 1	Volt Drop Note 1	Approx. Cable Weight Mass per 100m coil
		(Main)	(Earth)				
	(mm ²)			(mm)	(A)	(MV/A/M)	(kg)
H972E100 - WH	1	1/1.5	1/1.5	7.9x4.3	15	44.0	6.8
H972E150 - WH	1.5	1/1.38	1/1.15	8.8x4.8	19	29.0	8.3
H972E250 - WH	2.5	1/1.78	1/1.38	10.4x5.6	27	18.0	11.7
H972E400 - WH	4	7/0.56	1/1.38	12.2x6.2	36	11.0	18.3
H972E600 - WH	6	7/1.04	1/1.78	13.7x7.2	46	7.3	23.4
H972E1000 - WH	10	7/1.38	7/0.86	17.2x8.6	63	4.4	37.1
H972E1600 - WH	16	7/1.72	7/1.04	20.0x9.8	85	2.8	52.0

Black

Part no.	Cable Size	Conductor Type		Approx. Overall Diameter	Current Rating Note 1	Volt Drop Note 1	Approx. Cable Weight Mass per 100m coil
		(Main)	(Earth)				
	(mm ²)			(mm)	(A)	(MV/A/M)	(kg)
H972E100 - BK	1	1/1.5	1/1.5	7.9x4.3	15	44.0	6.8
H972E150 - BK	1.5	1/1.38	1/1.15	8.8x4.8	19	29.0	8.3
H972E250 - BK	2.5	1/1.78	1/1.38	10.4x5.6	27	18.0	11.7
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H972E1600 - BK	16	7/1.72	7/1.04	20.0x9.8	85	2.8	52.0

Note 1: These ratings are for 2 cables single phase AC or DC clipped direct as per SANS 0142. Conductors of 4mm² and over are stranded.

Dimensions & specifications may be changed without prior notice.