

# BUILDING WIRES SINGLE CORE, PVC INSULATED NON-SHEATHED



- 1. Single core conductor
- 2. PVC Insulation.

**TYPE OF CABLE:** H05V-U (UK: 6491X)  
**VOLTAGE:** 300/500V  
**SPECIFICATION:** ELOT 563 - HD 21.3 - BS: 6004

### Applications

For internal wiring of switching boxes and other electrical appliances, for installation in closed conduits and tubes. Not for direct installation under plaster.

CONDUCTOR NOMINAL CROSS- SECTIONAL AREA	EXTERNAL DIAMETER (APPROX.)	NET WEIGHT (APPROX.)	MAXIMUM CONDUCTOR DC RESISTANCE AT 20° C	CONTINUOUS CURRENT RATING	VOLTAGE DROP	
					2 cables single phase AC or DC	3 or 4 cables three phase AC
mm <sup>2</sup>	mm	Kg/Km	Ω/Km	A	mV / A/m	mV / A/m
0,5	2,3	9	36	3	87	75
0,75	2,5	11	24,5	6	59	51
1	2,7	14	18,1	10	44	38



- 1. Flexible conductor
- 2. PVC insulation

**TYPE OF CABLE:** H05V-K (UK: 2491X)  
**VOLTAGE:** 300/500V  
**SPECIFICATION:** ELOT 563 - HD 21.3 - BS 6004

### Applications

Suitable for fixed protected installations in or on lighting fittings and inside appliances.

### Colours

<b>Identification of cores:</b>	Green/yellow, light blue, black, brown.
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CONDUCTOR NOMINAL CROSS- SECTIONAL AREA	EXTERNAL DIAMETER (APPROX.)	NET WEIGHT (APPROX.)	MAXIMUM CONDUCTOR DC RESISTANCE AT 20° C	CONTINUOUS CURRENT RATING	VOLTAGE DROP	
					2 cables single phase AC or DC	3 or 4 cables three phase AC
mm <sup>2</sup>	mm	Kg/Km	Ω/Km	A	mV / A/m	mV / A/m
0,5	2,5	9	39	3	94	81
0,75	2,7	11	26	6	63	54
1	2,8	14	19,5	10	47	41