

**SINGLE CORE, PVC INSULATED NON SHEATHED GENERAL PURPOSE CABLES  
RIGID CONDUCTORS 300/500 V & 450/750 V**

**Construction**

- Conductor : Solid or stranded copper class 1 or 2 to BS 6360
- Insulation : PVC type T11 to BS 7655\*

**Rated Voltage:** 300 / 500V for H05V-U (sizes up to & including 1 mm<sup>2</sup>)  
: 450 / 750V for H07V-U/R (sizes above 1 mm<sup>2</sup>)

**Specification :** BS 6004, HAR VDE 0281, IEC 227  
**\* OPTIONAL :** Heat Resistant 85°C / 90°C / 105°C

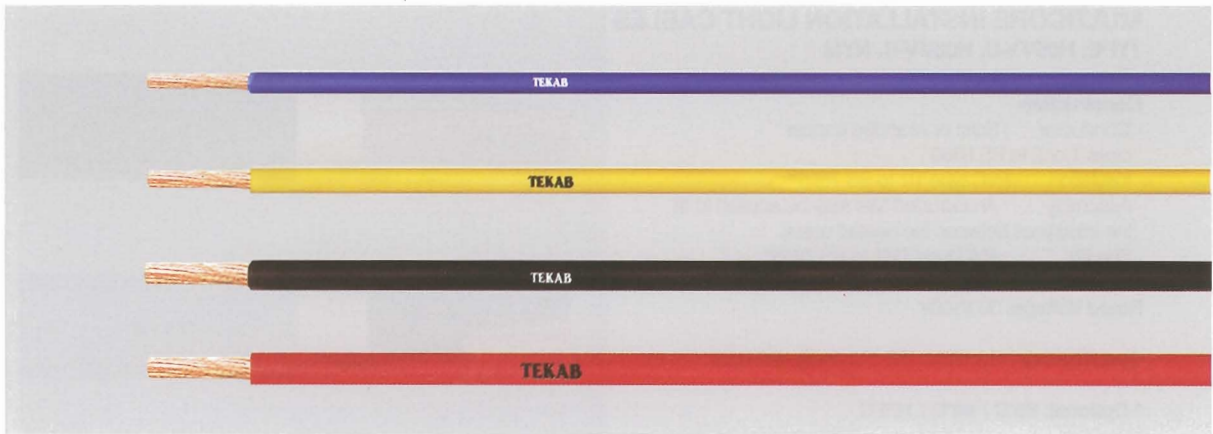
**Technical Data**

**PVC Insulated, Non-Sheathed Cable For Internal Wiring, 300 / 500V**

Type	Cross-Sectional Area of Conductor nom. mm <sup>2</sup>	Class of Conductor	Overall Diameter max mm	Net Weight Approx. Kg/Km
H05V-U	0.5	1	2.3	8
	0.75	1	2.5	11
	1	1	2.7	14
H05V-R	0.5	2	2.4	8
	0.75	2	2.6	11
	1	2	2.8	14

**PVC Insulated, Non-Sheathed General purpose Cable, 450 / 750 V**

Type	Cross-Sectional Area of Conductor nom. mm <sup>2</sup>	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
H07V-U/R	1.5	1	3.2	20
	1.5	2	3.3	20
	2.5	1	3.9	32
	2.5	2	4.0	33
	4	1	4.4	46
	4	2	4.6	48
	6	1	5.0	66
	6	2	5.2	69
	10	1	6.4	109
	10	2	6.7	115
	16	2	7.8	173
	25	2	9.7	270
	35	2	10.9	360
	50	2	12.8	513
	70	2	14.6	722
	95	2	17.1	997
	120	2	18.8	1237
150	2	20.9	1523	
185	2	23.3	1908	
240	2	25.6	2483	
300	2	29.6	3060	
400	2	33.2	3600	
500	2	36.9	4537	



**SINGLE CORE, PVC INSULATED NON SHEATHED GENERAL PURPOSE CABLES  
FLEXIBLE CONDUCTORS 300/500 V & 450/750 V**

**Construction**

- Conductor : Flexible copper class 5 to BS 6360
- Insulation : PVC type T11 to BS 7655\*

**Rated Voltage:** 300 / 500V for H05V-K (sizes up to & including 1 mm<sup>2</sup>)  
: 450 / 750V for H07V-K (sizes above 1 mm<sup>2</sup>)

**Specification :** BS 6004, HAR VDE 0281, IEC 227

**\* OPTIONAL:** Heat Resistant 85°C / 90°C / 105°C

**Technical Data**

**PVC Insulated, Non-Sheathed Cable For Internal Wiring, 300/500V**

Type	Cross-Sectional Area of Conductor nom. mm <sup>2</sup>	Class of Conductor	Overall Diameter max mm	Net Weight Approx. Kg/Km
H05V-K	0.5	5	2.5	8
	0.75	5	2.7	11
	1	5	2.8	14

**PVC Insulated, Non-Sheathed General purpose Cable, 450 / 750 V**

Type	Cross-Sectional Area of Conductor nom. mm <sup>2</sup>	Class of Conductor	Overall Diameter max Mm	Net Weight Approx. Kg/Km
H07V-K	1.5	5	3.4	21
	2.5	5	4.1	33
	4	5	4.8	49
	6	5	5.3	70
	10	5	6.8	115
	16	5	8.1	185
	25	5	10.2	285
	35	5	11.7	380
	50	5	13.9	535
	70	5	16.0	735
	95	5	18.2	970
	120	5	20.2	1220
	150	5	22.5	1490
	185	5	24.9	1830
240	5	28.4	2420	