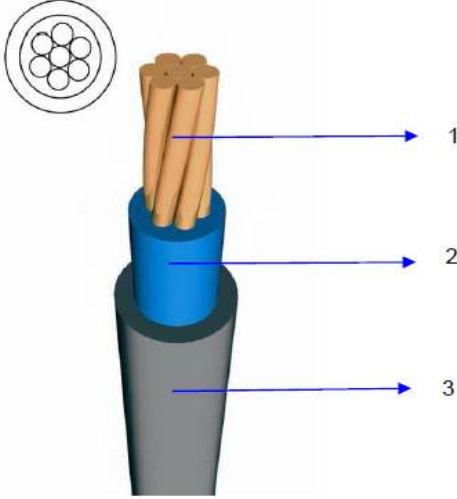


PVC DOUBLE INSULATED WIRE



DESIGN

- 1. Conductor**
Solid copper, class1 or Stranded Copeer, class 2, complying with EN 60228.
- 2. Insulation**
PVC, TI 2 complying with BS EN 50363-3:2005.
- 3. Sheath/Jacket**
PVC material conforming to the requirements for TM 2 specified in BS EN 50363-4-1:2005.

Insulation Colour: Brown or Blue

Sheath Colour: Generally Grey (Special colours to order)

Standards: BS 6004:2012, TS IEC 60502-1
Voltage Rating: 300/500 V - 600/1000 V
Max. Operating Temperature: +70°C
Short Circuit Temperature: 160°C
Min. Installation Radius: 6D

Application:

Suitable for building wiring in domestic and light industrial areas



Cross Sectional Area	Class of Conductor	App. Diameter of Conductor	Thickness of Insulation	Thickness of overshath	App. Overall Diameter	App. Total Weight	Current Carrying Capacity (A)		Max. Conductor DC Resistance at 20°C
							In Conduit	Air	
1	1	1,13	0,60	0,80	3,9	26	-	14	18,1
1,5	1	1,38	0,70	0,80	4,4	33	-	18	12,1
2,5	1	1,76	0,80	0,80	5,0	46	-	26	7,41
4	2	2,50	0,80	0,90	5,9	69	-	34	4,95
6	2	3,00	0,80	0,90	6,4	90	-	44	3,3
10	2	3,85	1,00	0,90	7,7	139	-	61	1,91
16	2	4,80	1,00	1,00	8,8	202	-	82	1,21
25	2	5,90	1,20	1,10	10,5	305	-	108	0,78
35	2	6,85	1,20	1,10	11,5	400	-	135	0,554
Ex. Marking: SEVAL KABLO BASEC BS 6004 300/500 V 6181 Y 4 mm2 CE 2013 (length)									
50	2	8,20	1,40	1,40	13,8	557	195	176	0,386
70	2	9,70	1,40	1,40	15,3	762	239	224	0,272
95	2	11,40	1,60	1,50	17,6	1034	287	271	0,206
120	2	13,10	1,60	1,60	19,5	1288	326	314	0,161
150	2	14,40	1,80	1,60	21,2	1568	366	361	0,130
185	2	15,80	2,00	1,70	23,2	1943	414	412	0,106
240	2	18,60	2,20	1,80	26,6	2530	481	484	0,0801
300	2	22,50	2,40	2,00	31,3	3263	542	549	0,0641
Ex. Marking: SEVAL KABLO GEN TO BS 6004 0,6/1 kV 6181 Y 95 mm2 CE 2013 (length)									
SEVAL KABLO TSE 0,6/1 kV TS IEC 60502-1 NYY 1X95 mm2 CE 2013 (length)									

Flame Propagation Test: EN 60332-1-2

Voltage Test: 2000 V AC for 300/500 V & 3500 V AC for 600/1000V

Spark Test for insulations: EN 62230

Designed, manufactured and tested in accordance with ISO 9001:2008.