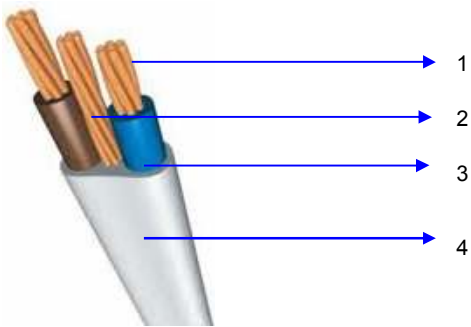


PVC INSULATED, PVC SHEATHED CABLE WITH CIRCUIT PROTECTIVE CONDUCTOR, SINGLE CORE, FLAT TWIN AND 3-CORE



Standards: BS 6004:2012

UK Code: 624-Y

Voltage Rating: 300/500 V

Max. Operating Temperature: + 70°C

Short Circuit Temperature: 160°C

Min. Installation Radius: 6D

DESIGN

1. Conductor

Plain annealed stranded copper, class 2 or plain solid copper, class 1 complying with EN 60228.

2. Circuit Protective Conductor

Plain annealed stranded copper, class 2 or plain solid copper, class 1 complying with EN 60228.

3. Insulation

PVC type TI 1 complying with BS EN 50363-3:2005.

4. Sheath/Jacket

PVC material conforming to the requirements for Type 6 specified in BS 7655-4.2:2000.

Core Identification

Single Core Brown or Blue

Twin Brown and Blue or for 2x1,0 and 2x1,5 cables, brown and brown

Three Core Brown, Black (centre core), Grey

Position of Circuit Protective Conductor

Twin Centrally placed between cores in same plane.

3-core Centrally placed between black and grey cores in same plane.

Color of Sheath : Grey



Marking:

SEVAL KABLO BASEC BS 6004 300/500 V 6242 Y 2X4+1,5 mm² CE 2013 length (m)

BASEC BS 6004 300/500 V 6242 Y 2X4+1,5 mm² SK CE 2013 length (m)

If a Low Smoke Halogen Free (LSHF) version is required please use BS7211.

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



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THECNICAL DATA

Cross- Sectional Area of Conductors	Class of Conductor	Cross- Sectional Area of Circuit Protective Conductor	Thickness of Insulation	Thickness of Oversheath	Overall Diameter Upper Limit	Overall Diameter Lower Limit	App. Total Weight	Current Carrying Capacity		Max. Conductor DC Resistance at 20°C
(mm ²)		(mm ²)	(mm)	(mm)	(mm)	(mm)	(kg)	In Conduit (A)	Air(A)	ohm/km
1x1	1	1,0	0,6	0,9	5,3	4,1	41,5	19	13	18,1
1x1,5	1	1,0	0,7	0,9	5,7	4,6	48,4	24	16,5	12,1
2x1	1	1,0	0,6	0,9	7,6	4,1	67,9	19	13	18,1
2x1,5	1	1,0	0,7	0,9	8,5	4,6	87,2	24	17	12,1
2x2,5	1	1,5	0,8	1,0	10,1	5,4	117,6	33	23	7,41
2x4	2	1,5	0,8	1,0	11,6	6,1	171,6	45	30	4,61
2x6	2	2,5	0,8	1,1	13,4	6,8	234,6	58	38	3,08
2x10	2	4,0 *	1,0	1,2	16,6	8,3	373,3	80	52	1,83
2x16	2	6,0 *	1,0	1,3	19,0	9,3	529,5	107	69	1,15
3x1	1	1,0	0,6	0,9	10,0	4,1	92,3	19	13	18,1
3x1,5	1	1,0	0,7	0,9	11,3	4,6	116,9	24	17	12,1
3x2,5	1	1,0	0,8	1,0	13,5	5,4	170,9	33	23	7,41
3x4	2	1,5	0,8	1,1	15,9	6,3	243,9	45	30	4,61
3x6	2	2,5	0,8	1,1	18,0	6,8	307,9	58	38	3,08
3x10	2	4 *	1,0	1,2	22,5	8,3	493,0	80	52	1,83
3x16	2	6 *	1,0	1,3	25,7	9,3	734,6	107	69	1,15

* : Class 2 conductors only.

Flame Propagation Test: EN 60332-1-2

Voltage Test: 2,5 kV AC, 5 min.

Spark Test for insulations and oversheath: BS 5099 and EN 62230

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