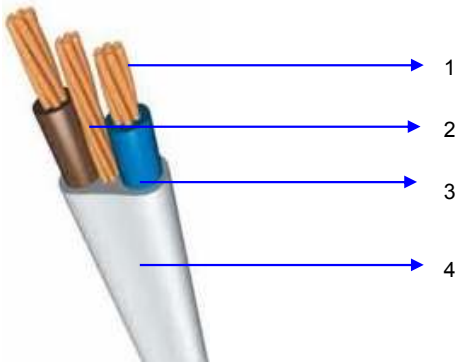




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HALOGEN FREE, FLAME RETARDANT, SINGLE, TWIN, TRIPLE-CORES FLAT CABLES 624 B



Standards: BS 7211:2012

UK Code: 624-B

Voltage Rating: 300/500 V

Max. Operating Temperature: + 90°C

Short Circuit Temperature: 250°C

Min. Installation Radius: 8xD

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**
XLPE Cross Linkable Polyethylene
- 4. Sheath/Jacket**
LSZH Low Smoke zero halogen.

Core Identification

Single Core	Brown or Blue
Twin	Brown and Blue (2x1,0 and 2x1,5 cables Brown and Brown)
Three Core	Brown, Black (centre core), Grey

Color of Sheath : White



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



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		App. Total Weight	Current Carrying Capacity		Max. Conductor DC Resistance at 20°C
					Lower Limit	Upper Limit		In Conduit (A)	Air(A)	
(mm²)		(mm²)	(mm)	(mm)	(mm)	(mm)	(kg)			ohm/km
1x1	1	1,0	0,7	0,9	4,1x5,2	5,0x6,3	42	19	17	18,1/18,1
1x1,5	1	1,0	0,7	0,9	4,4x5,4	5,3x6,6	48	24	22	12,1/18,1
2x1	1	1,0	0,7	0,9	4,1x7,6	5,0x9,1	65	19	17	18,1/18,1
2x1*	1	1,0	0,7	0,9	4,2x7,8	5,1x9,4	65	19	17	18,1/18,1
2x1,5	1	1,0	0,7	0,9	4,4x8,1	5,3x9,7	76	24	22	12,1/18,1
2x1,5*	1	1,0	0,7	0,9	4,5x8,3	5,4x10,0	76	24	22	12,1/18,1
2x2,5	1	1,5	0,7	1,0	4,9x9,3	6,0x11,2	108	33	30	7,41/12,1
2x2,5*	1	1,5	0,7	1,0	5,0x9,5	6,1x11,4	108	33	30	7,41/12,1
2x4*	2	1,5	0,7	1,0	5,5x10,4	6,7x12,6	148	45	40	4,61/12,1
2x6*	2	2,5	0,7	1,1	6,2x12,0	7,5x14,6	208	58	51	3,08/7,41
2x10*	2	4,0 *	0,7	1,2	7,3x14,5	8,8x17,6	317	80	69	1,83/4,61
2x16*	2	6,0 *	0,7	1,3	8,4x17,0	10,1x20,5	478	107	91	1,15/3,08
3x1	1	1,0	0,7	0,9	4,1x10,0	5,1x12,1	87	19	17	18,1/18,1
3x1,5	1	1,0	0,7	0,9	4,4x10,7	5,3x12,9	104	24	22	12,1/18,1
3x2,5	1	1,5	0,7	1,0	4,9x12,0	6,0x14,6	142	33	30	7,41/12,1
3x4*	2	1,5	0,7	1,0	5,5x14,0	6,7x16,9	207	45	40	4,61/12,1
3x6*	2	2,5	0,7	1,1	6,2x16,2	7,5x19,5	291	58	51	3,08/7,41
3x10*	2	4,0*	0,7	1,2	7,3x19,5	8,8x23,6	442	80	69	1,83/4,61
3x16*	2	6,0*	0,7	1,3	8,4x22,8	10,1x27,6	671	107	91	1,15/3,08

* : Class 2 conductors only.

Flame Propagation Test: EN 60332-1-2

Voltage Test: 2 kV AC, 5 min.

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

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