

# 624-YH

## GENERAL WIRING CABLE

**STANDARD:** BS 6004

**VOLTAGE RATING:** 300/500V

**APPLICATION:**

Domestic and light industrial wiring. Can be clipped to surface, on trays or in free air where there is little risk of mechanical damage. Suitable for laying into trunking or conduit etc when mechanical protection is required. May be embedded in plaster or laid in walls.

**CONSTRUCTION:**

Single, Two or Three core flat cables with an additional uninsulated copper circuit protective conductor. Solid or stranded plain copper conductors. PVC insulated, laid parallel with CPC and PVC sheathed.

**CORE COLOURS:**

Single core: Brown or Blue.

Two core: Brown and Blue.

Three core: Brown, Black and Grey.

**SHEATH COLOUR:** Grey

**BASEC:** Certified

**MAXIMUM CONDUCTOR TEMPERATURE:** 70°C

**CURRENT RATING:** Refer to table 4D5A in BS7671 or on page 98.

Reference number	Nominal area of conductor mm <sup>2</sup>	Class of conductor	Insulation thickness mm	Sheath thickness mm	Overall dimensions Upper limit (d x D) mm	Circuit protective conductor Cross-section mm <sup>2</sup>	Approx nett weight kg/km	Minimum bending radius factor
6242YH	1	1	0.6	0.9	4.7 x 8.6	1.0	68	3D
2C + CPC	1.5	1	0.7	0.9	5.4 x 9.6	1.0	85	3D
	2.5	1	0.8	1.0	6.2 x 11.5	1.5	123	4D
	4	2	0.8	1.0	7.2 x 13.0	1.5	175	4D
	6	2	0.8	1.1	8.0 x 15.0	2.5	240	4D
	10	2	1.0	1.2	9.6 x 19.0	4.0*	390	4D
	16	2	1.0	1.3	11.0 x 22.5	6.0*	560	4D
6243YH	1	1	0.6	0.9	4.7 x 11.0	1.0	91	4D
3C + CPC	1.5	1	0.7	0.9	5.4 x 12.5	1.0	117	4D
	2.5	1	0.8	1.0	6.2 x 14.5	1.0	170	4D
	4	2	0.8	1.1	7.4 x 18.0	1.5	250	4D
	6	2	0.8	1.1	8.0 x 20.0	2.5	340	4D
	10	2	1.0	1.2	9.6 x 25.5	4.0*	540	6D
	16	2	1.0	1.3	11.0 x 29	6.0*	790	6D
6241YH	1.0	1	0.6	0.9	5.2 x 6.4	1.0	40	3D
1C + CPC	1.5	1	0.7	0.9	5.8 x 7.0	1.0	48	3D

\* Stranded class 2 cpc

