

TABLE 4D5A 70°C thermoplastic (pvc) insulated & sheathed flat cable with protective conductor (copper conductors). BS6004

CURRENT-CARRYING CAPACITY (amperes):

Ambient temperature : 30°C
Conductor operating temperature: 70°C

Conductor cross-sectional area	1 two-core cable, single phase a.c. or d.c.			
	Installation Method 6* (enclosed in conduit in an insulated wall)	Installation Method 15* (installed directly in an insulated wall)	Reference Method 1 (clipped direct)	Voltage drop (per ampere per metre)
1 (mm ²)	2 (A)	3 (A)	4 (A)	5 (mV/A/m)
1	11.5	12	16	44
1.5	14.5	15	20	29
2.5	20	21	27	18
4	26	27	37	11
6	32	35	47	7.3
10	44	47	64	4.4
16	57	63	85	2.8

NOTES:

- Where the conductor is to be protected by a semi-enclosed fuse to BS3036, see item 6.2 of the preface to this appendix within the 16th edition regs.
- * These methods are regarded as Reference Methods for the cable types specified by the Table 4A1