

FLAT PVC INSULATED AND SHEATHED CABLES WITH EARTH CONTINUITY CONDUCTOR 300/500 V

SPECIFICATION: BS 6004

TYPE: NCYY – F + E

IDENTIFICATION: N: Standard cable type
 C: Copper conductor
 Y: PVC Insulation
 Y: PVC Sheath
 F + E: Flat Wiring Cable with earth continuity conductor

APPLICATION : General wiring installation to be fixed on surface

NOMINAL CROSS SECTION mm ²	NUMBER OF NOMINAL DIAMETER OF WIRES mm	RADIAL THICKNESS OF INSULATION mm	RADIAL THICKNESS OF SHEATH mm	APPROX. OVERALL DIAMETER UPPERLIMIT mm	APPROX. NET WEIGHT kg/km	SIZE OF ECC mm	STANDARD PACKING	D. C. RESISTANCE AT 20°C (1) S/km	CURRENT CARRYING CAPACITY (2) AMP.
WITH EARTH CONTINUITY CONDUCTOR									
2 x 1.0	1/1.13	0.6	0.9	7.7 x 4.3	75	1/1.13	C	18.1	17
2 x 1.5	1/1.38	0.7	0.9	8.6 x 4.7	90	1/1.13	C	12.1	22
2 x 2.5	1/1.78	0.8	1.0	10.1 x 5.5	130	1/1.13	C	7.41	30
2 x 4	1/2.25	0.8	1.0	11.9 x 6.4	175	1/1.38	C	4.61	40
2 x 6	1/2.76	0.8	1.1	13.6 x 7.1	240	1/1.78	C	3.08	51
2 x 10	7/1.35	1.0	1.2	17.4 x 8.8	390	1/2.25	D	1.83	70
2 x 16	7/1.70	1.0	1.3	20.3 x 10.0	560	1/2.76	D	1.15	94
3 x 1.0	1/1.13	0.6	0.9	10.1 x 4.3	95	1/1.13	C	18.1	14
3 x 1.5	1/1.38	0.7	0.9	11.5 x 4.8	125	1/1.13	C	12.1	19
3 x 2.5	1/1.78	0.8	1.0	13.5 x 5.6	170	1/1.13	C	7.41	25
3 x 4	7/0.85	0.8	1.1	16.1 x 6.6	255	1/1.38	C	4.61	34
3 x 6	7/1.04	0.8	1.1	17.8 x 7.2	340	1/1.78	C	3.08	43
3 x 10	7/1.35	1.0	1.2	23.5 x 8.9	550	7/0.85	D	1.83	60
3 x 16	7/1.70	1.0	1.3	27.5 x 10.2	790	7/1.04	D	1.15	80

Solid copper conductor up to 6mm²

Standard Packing - C: Coils of 100m
 D: Drums 500 or 1000m

1. At different operating T°C) : $R = R_{20} [1 + a (T - 20)]$
 a: Temperature coefficient at 20°C = 0.00393 for copper
 0.00403 for aluminium

Ambient Temperature : 30°C