

ORDINARY FLEXIBLE CORDS, PVC INSULATED AND SHEATHED 300/500 V

SPECIFICATION: BS EN 50525/IEC 60227

TYPE: NCYY – R..f (227 IEC 53 and or H05VVF to HD 21.5S2)

IDENTIFICATION:
 N: Standard cable type
 C: Copper conductor
 Y: PVC Insulation
 R..f: Round and flexible cord

APPLICATION: Use in light fittings and household appliance and office machine where the mechanical stresses are low.

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DIAMETER OF CONDUCTOR WIRES mm	RADIAL THICKNESS OF INSULATION mm	RADIAL THICKNESS OF SHEATH mm	APPROXIMATE OVERALL DIAMETER mm	APPROX. NET WEIGHT kg/km	STANDARD PACKING	D.C. Resistance at 20°C (1) S/km	CURRENT CARRYING CAPACITY (2) AMP.
2 x 0.75	0.21	0.6	0.8	7.6	57	C	26.0	14
2 x 1	0.21	0.6	0.8	8.0	64	C	19.5	17
2 x 1.5	0.26	0.7	0.8	9.0	87	C	13.3	22
2 x 2.5	0.26	0.8	1.0	11.0	134	C	7.98	30
2 x 4	0.31	0.8	1.1	12	172	C	4.95	40
3 x 0.75	0.21	0.6	0.8	8.0	67	C	26.0	12
3 x 1	0.21	0.6	0.8	8.4	77	C	19.5	14
3 x 1.5	0.26	0.7	0.9	9.8	108	C	13.3	18.5
3 x 2.5	0.26	0.8	1.1	12.0	168	C	7.98	25
3x 4	0.31	0.8	1.2	13.0	21.9	C	4.95	34
4 x 0.75	0.21	0.6	0.8	8.6	81	C	26.0	12
4 x 1	0.21	0.6	0.9	9.4	98	C	19.5	14
4 x 1.5	0.26	0.7	1.0	11.0	137	C	13.3	18.5
4 x 2.5	0.26	0.8	1.1	13.0	206	C	7.98	25
4 x 4	0.31	0.8	1.2	14.0	269	C	4.95	34
5 x 0.75	0.21	0.6	0.9	9.6	100	C	26.0	12
5 x 1	0.21	0.6	0.9	10.0	116	C	19.5	14
5 x 1.5	0.26	0.7	1.1	12.0	167	C	13.3	18.5
5 x 2.5	0.26	0.8	1.2	14.0	251	C	7.98	25
5 x 4	0.31	0.8	1.4	15.5	375	D	4.95	34

Standard Packing - C: Coils of 100m

- At different operating T^o(C) : $R = R_{20^{\circ}C} [1 + a (T^{\circ}C - 20)]$
 a: Temperature coefficient at 20°C = 0.00393 for copper
 0.00403 for aluminium
- Ambient Temperature : 30°C

Great sizes according to other specifications, like CNOMO for examples, are also available.