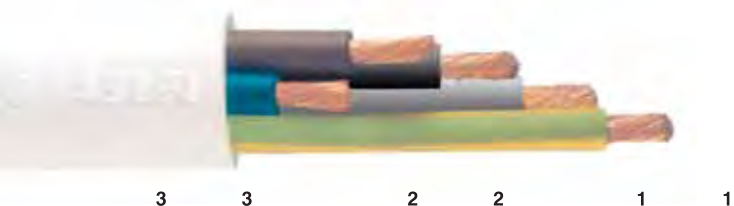


PVC INSULATED AND SHEATHED FLEXIBLE CABLES



- 1. Flexible copper conductor
- 2. PVC insulation
- 3. PVC outer sheath

TYPE OF CABLE:
VOLTAGE:
SPECIFICATION:

H05VV-F (UK: 318Y)
300/500V
HD 21.5 - BS: 6500

Applications

Flexible cable for general building installation and for appliances in which the cables are exposed to low mechanical stresses. Cables are suitable for dry and damp locations.

Colours

NUMBER OF CORES	WITH GREEN/YELLOW CORE	WITHOUT GREEN/YELLOW CORE
2	-	BLUE - BROWN
3	GREEN/YELLOW - BLUE - BROWN	BROWN - BLACK - GREY
4	GREEN/YELLOW - BROWN - BLACK - GREY	BLUE - BROWN - BLACK - GREY
5	GREEN/YELLOW - BLUE - BROWN - BLACK - GREY	BLUE - BROWN - BLACK - GREY - BLACK
above 5	BLACK CORES WITH WHITE OR YELLOW NUMBERS, THE GREEN/YELLOW CORE IS LOCATED IN THE OUTER LAID UP CORES	BLACK CORES WITH WHITE OR YELLOW NUMBERS

NOMINAL AREA OF CONDUCTOR	MEAN OVERALL DIAMETER APPR.	NET WEIGHT (APPROX.)	MAX CONDUCTOR RESISTANCE AT 20° C	CONTINUOUS CURRENT RATING	VOLTAGE DROP
mm ²	mm	Kg/Km	Ω/Km	A	mV/A/m
2x0,75	7,2	55	26	6	62
2x1	7,5	65	19,5	10	47
2x1,5	8,6	85	13,3	16	32
2x2,5	10,6	135	7,98	25	16
2x4	12,1	180	4,95	32	12
3x0,75	7,6	65	26	6	54
3x1	8,0	75	19,5	10	41
3x1,5	9,4	105	13,3	16	28
3x2,5	11,4	170	7,98	20	17
3x4	13,1	225	4,95	25	10
* 3x6	14,5	355	3,30	38	6,4
4x0,75	8,3	80	26	6	54
4x1	9,0	95	19,5	10	41
4x1,5	10,5	135	13,3	16	28
4x2,5	12,5	205	7,98	20	17
4x4	14,3	275	4,95	25	10
* 4,6	16,0	435	3,30	38	6,4
5x0,75	9,3	95	26	6	54
5x1	9,8	110	19,5	10	41
5x1,5	11,6	160	13,3	16	28
5x2,5	13,9	245	7,98	20	17
5x4	16,1	340	4,95	25	10
* 5x6	18,0	525	3,30	38	6,4
7x1,0	12,0	145	19,50	13	41
7x1,5	14,0	210	13,3	17	28
7x2,5	17,0	315	7,98	21	17

Maximum continuous operating temperature of conductor: 70° C

Note: The above ratings are given for 30°C ambient temperature. For other ambient temperatures the correction factor is:

Temperature °C	15	20	25	30	35	40	45	50
Correction factor	1,17	1,12	1,06	1,0	0,94	0,87	0,79	0,71

For cross sections greater than 4mm², cables will be constructed according to NFC 32-206 specification as FR-N05VV5-F cable type.