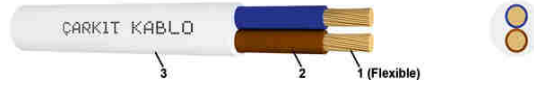







Cable Type : FLEXIBLE CABLES WITH THERMOPLASTIC PVC INSULATION



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION	
STANDARD	: EN 50525-2-11
(1) CONDUCTOR	: Class 5 flexible copper conductor according to EN 60228
(2) INSULATION	: PVC (Polyvinyl Chloride) Type Tl 2
(3) SHEATH	: PVC (Polyvinyl Chloride) Type TM 2
CHARACTERISTICS	
OPERATING TEMPERATURE	: -5°C / +70 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U ₀ /U)	: H03 300/300 V H05 300/500 V
TEST VOLTAGE	: H03 1500 V H05 2000 V
MINIMUM BENDING RADIUS	: 6 x Ø
INSULATION COLOR	
HD 308 S2	
2 cond.: Blue – Brown	
3 cond.: Green/Yellow – Blue – Brown	
4 cond.: Green/Yellow – Brown – Black – Grey	
5 cond.: Green/Yellow – Blue – Brown – Black – Grey	
FLAME RETARDANT	
IEC 60332-1-2	
	
APPLICATIONS	
<p>Ordinary duty PVC cable for use in domestic appliances, kitchens and offices. For use with light portable appliances such as radios, table lamps and office equipment. Generally unsuitable for outdoor use or industrial applications.</p>	



CABLE DIAMETERS

NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS	COPPER DIMENSION	THICKNESS OF INSULATION SPECIFIED VALUE	THICKNESS OF SHEATH SPECIFIED VALUE	MEAN OVERALL DIMENSIONS		MAX. RESISTANCE at 20°C	MINIMUM INSULATION RESISTANCE AT RATED TEMPERATURE
				LOWER LIMIT Ø	UPPER LIMIT Ø		
mm ²	mm	mm	mm	mm	mm	Ω/km	mΩ.km
H03VV-F							
2 x 0,50	15 / 0,20	0,50	0,60	4,60	5,90	39,00	0,011
2 x 0,75	22 / 0,20	0,50	0,60	4,90	6,30	26,00	0,010
3 x 0,50	15 / 0,20	0,50	0,60	4,90	6,30	39,00	0,011
3 x 0,75	22 / 0,20	0,50	0,60	5,20	6,70	26,00	0,010
4 x 0,50	15 / 0,20	0,50	0,60	5,40	6,90	39,00	0,011
4 x 0,75	22 / 0,20	0,50	0,60	5,70	7,30	26,00	0,010
H05VV-F							
2 x 0,75	22 / 0,20	0,60	0,80	5,70	7,20	26,00	0,011
2 x 1	29 / 0,20	0,60	0,80	5,90	7,50	19,50	0,010
2 x 1,5	27 / 0,25	0,70	0,80	6,80	8,60	13,30	0,010
2 x 2,5	45 / 0,25	0,80	1,00	8,40	10,60	7,98	0,0095
2 x 4	50 / 0,30	0,80	1,10	9,70	12,10	4,95	0,0078
3 x 0,75	22 / 0,20	0,60	0,80	6,00	7,60	26,00	0,011
3 x 1	29 / 0,20	0,60	0,80	6,30	8,00	19,50	0,010
3 x 1,5	27 / 0,25	0,70	0,90	7,40	9,40	13,30	0,010
3 x 2,5	45 / 0,25	0,80	1,10	9,20	11,40	7,98	0,0095
3 x 4	50 / 0,30	0,80	1,20	10,60	13,10	4,95	0,0078
4 x 0,75	22 / 0,20	0,60	0,80	6,60	8,30	26,00	0,011
4 x 1	29 / 0,20	0,60	0,90	7,10	9,00	19,50	0,010
4 x 1,5	27 / 0,25	0,70	1,00	8,40	10,50	13,30	0,010
4 x 2,5	45 / 0,25	0,80	1,10	10,10	12,50	7,98	0,0095
4 x 4	50 / 0,30	0,80	1,20	11,60	14,30	4,95	0,0078
5 x 0,75	22 / 0,20	0,60	0,90	7,40	9,30	26,00	0,011
5 x 1	29 / 0,20	0,60	0,90	7,80	9,80	19,50	0,010
5 x 1,5	27 / 0,25	0,70	1,10	9,30	11,60	13,30	0,010
5 x 2,5	45 / 0,25	0,80	1,20	11,20	13,90	7,98	0,0095
5 x 4	50 / 0,30	0,80	1,40	13,00	16,10	4,95	0,0078

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

