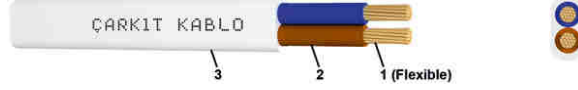



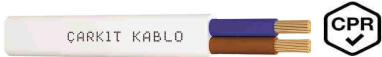
**Cable Type** : HEAT RESISTANT FLEXIBLE CABLES (90 °C)



CERTIFICATE/APPROVAL



### **CABLE DESCRIPTION**

<b>CONSTRUCTION</b>	
STANDARD	: EN 50525-2-11
( 1 ) CONDUCTOR	: Class 5 flexible copper conductor according to EN 60228
( 2 ) INSULATION	: PVC (Polyvinyl Chloride) Type Tl 3
( 3 ) SHEATH	: PVC (Polyvinyl Chloride) Type TM 3
<b>CHARACTERISTICS</b>	
OPERATING TEMPERATURE	: -5°C / +90 °C
MAX. SHORT CIRCUIT TEMPERATURE	: 160 °C (max. 5 sec.)
NOMINAL VOLTAGE (U <sub>0</sub> /U)	: H03 300/300 V H05 300/500 V
TEST VOLTAGE	: H03 1500 V H05 2000 V
MINIMUM BENDING RADIUS	: 6 x Ø
<b>INSULATION COLOR</b>	
<b>HD 308 S2</b>	
2 cond. : Blue – Brown	
<b>FLAME RETARDANT</b>	
<b>IEC 60332-1-2</b>	
	
<b>APPLICATIONS</b>	
Used for household and portable appliances where flexibility and heat resistance are required.	



**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 $\emptyset$	UPPER LIMIT $\emptyset$		
mm <sup>2</sup>	mm	mm	mm	mm	mm	$\Omega$ /km	m $\Omega$ .km
<b>H03V2V2H2-F</b>							
2 x 0,50	15 / 0,20	0,50	0,60	3,00x4,90	3,70x5,90	39,00	0,011
2 x 0,75	22 / 0,20	0,50	0,60	3,20x5,20	3,80x6,30	26,00	0,010
<b>H05V2V2H2-F</b>							
2 x 0,75	22 / 0,20	0,60	0,80	3,70x6,00	4,50x7,20	26,00	0,011
2 x 1	29 / 0,20	0,60	0,80	3,90x6,20	4,70x7,50	19,50	0,010
2 x 1,5	27 / 0,25	0,70	0,80	4,20x7,00	5,20x8,60	13,30	0,010

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

