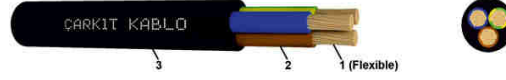


**Cable Type** : FLEXIBLE CABLES WITH HALOGEN-FREE CROSSLINKED INSULATION, AND LOW EMISSION OF SMOKE



CERTIFICATE/APPROVAL



### CABLE DESCRIPTION

#### CONSTRUCTION





STANDARD	:	EN 50525-3-21
( 1 ) CONDUCTOR	:	Class 5 flexible copper conductor according to EN 60228
( 2 ) INSULATION	:	LSZH (Low Smoke Zero Halogen) Type EI 8
( 3 ) SHEATH	:	LSZH (Low Smoke Zero Halogen) Type EM 8

#### CHARACTERISTICS

OPERATING TEMPERATURE	:	-5°C / +90 °C
MAX. SHORT CIRCUIT TEMPERATURE	:	250 °C (max. 5 sec.)
NOMINAL VOLTAGE (U <sub>0</sub> /U)	:	450 / 750 V
TEST VOLTAGE	:	2500 V
MINIMUM BENDING RADIUS	:	6 x Ø

#### INSULATION COLOR

**HD 308 S2**

2 core : Blue – Brown	
3 core : Green/Yellow – Blue – Brown	
4 core : Green/Yellow – Brown – Black – Grey	
5 core : Green/Yellow – Blue – Brown – Black – Grey	

#### FLAME RETARDANT

**IEC 60332-1-2**



#### APPLICATIONS

For installation where fire, smoke emission and toxic fumes create a potential threat to life and equipment. Examples of use include supplying mobile power units, UPS installations, stage lighting and audio visual equipment. This cable will withstand medium mechanical stresses and is suitable for both installation indoors and outdoors.



**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>H07ZZ-F</b>							
2 x 1	29 / 0,20	0,80	1,30	7,70	10,00	19,50	0,013
2 x 1,5	27 / 0,25	0,80	1,50	8,50	11,00	13,30	0,012
2 x 2,5	45 / 0,25	0,90	1,70	10,20	13,10	7,98	0,010
2 x 4	50 / 0,30	1,00	1,80	11,80	15,10	4,95	0,0094
3 x 1	29 / 0,20	0,80	1,40	8,30	10,70	19,50	0,013
3 x 1,5	27 / 0,25	0,80	1,60	9,20	11,90	13,30	0,012
3 x 2,5	45 / 0,25	0,90	1,80	10,90	14,00	7,98	0,010
3 x 4	50 / 0,30	1,00	1,90	12,70	16,20	4,95	0,0094
4 x 1	29 / 0,20	0,80	1,50	9,20	11,90	19,50	0,013
4 x 1,5	27 / 0,25	0,80	1,70	10,20	13,10	13,30	0,012
4 x 2,5	45 / 0,25	0,90	1,90	12,10	15,50	7,98	0,010
4 x 4	50 / 0,30	1,00	2,00	14,00	17,90	4,95	0,0094
5 x 1	29 / 0,20	0,80	1,60	10,20	13,10	19,50	0,013
5 x 1,5	27 / 0,25	0,80	1,80	11,20	14,40	13,30	0,012
5 x 2,5	45 / 0,25	0,90	2,00	13,30	17,00	7,98	0,010
5 x 4	50 / 0,30	1,00	2,20	15,60	19,90	4,95	0,0094

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

