


## Teknik Veriler / Technical Data

 **Çalışma gerilimi**  
Operating voltage  
450/750 V

 **Çalışma sıcaklığı**  
Operating temperature  
-30 ... +70°C

 **Bükme yarıçapı**  
Bending radius  
Min. 7,5 x Ø

 **Alev iletmeme**  
Flame retardant  
IEC 60332-1-2

 **Test gerilimi**  
Test voltage  
2500 V

 **Kısa devre sıcaklığı Max.**  
Short-circuit temperature Max.  
160°C

 **İzolasyon direnci**  
Insulation resistance  
Min. 120 Mohm x km

# H07VVD3H6-F

450/750 V



## Kullanım Alanları

Bu kablolar, makinelerde ölçme ve kontrol kablosu, konveyör bağlantıları, makine üretimi üretim hatları, klimalar ve çelik üretimi gibi mekanik gerilmelerin olmadığı yada hafif şiddet gerilmeli, hareket zorlamasız kuru, nemli ve ıslak yerlerde kullanılır.

## Applications

These cables are used for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air, as measuring and control cables in tool machines, conveyor belts, production lines in machinery production, in air-conditioning and in steel production.

### Kablo Yapısı / Cable Structure

<b>İletken</b>	: Bükülü tavlı bakır teller (HD 383 Class 5)
<b>Conductor</b>	: Stranded bare copper wires (HD 383 Class 5)
<b>İzolasyon</b>	: PVC bileşik (HD 21.1 S4 / TI2)
<b>Insulation</b>	: PVC compound (HD 21.1 S4 / TI2)
<b>Damar renkleri</b>	: Sarı/Yeşil ve numaralı damarlar
<b>Core identification:</b>	Green/Yellow and number cores
<b>Taşıyıcı</b>	: PE izolasyonlu bükülü çelik teller
<b>Carriers</b>	: PE insulated, stranded steel wires
<b>Dış kılıf</b>	: Yassı PVC bileşik (HD 21.1 S4 / TM2)
<b>Outer sheath</b>	: Flat PVC compound (HD 21.1 S4 / TM2)

### Uygulanan Testler / Applied Tests

<b>Yapısal boyut testleri</b>	: TS EN 50214, TS EN 60811-3-1
<b>Structural dimension tests</b>	
<b>Mekanik testler</b>	: TS EN 60811-3-2 TS EN 60811-3-1 TS EN 60811-1-1
<b>Mechanical tests</b>	
<b>Elektriksel testler</b>	: TS EN 50395
<b>Electrical tests</b>	
<b>Yangın performans testleri</b>	: IEC 60332-1-2
<b>Fire performance tests</b>	

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
4G1,5	4,5 x 15	58,0	133,0
5G1,5	4,5 x 19	72,0	169,0
7G1,5	4,5 x 25	101,0	235,0
8G1,5	4,5 x 28	115,0	265,0
10G1,5	4,5 x 35	144,0	332,0
12G1,5	4,5 x 41	173,0	421,0
16G1,5	4,5 x 53	230,4	555,0
24G1,5	4,5 x 85	346,0	820,0
4G2,5	5,5 x 18	96,0	205,0
5G2,5	5,5 x 23	120,0	256,0
7G2,5	5,5 x 34	168,0	344,0
8G2,5	5,5 x 34	192,0	389,0
12G2,5	5,8 x 50	288,0	580,0
16G2,5	5,8 x 58	384,0	674,0
24G2,5	15,0 x 65	604,0	950,0

Damar Sayısı x İletken Kesiti (mm <sup>2</sup> )	Dış Çap yaklaşık (mm)	Bakır Faktörü (kg/km)	Kablo Ağırlığı yaklaşık (kg/km)
Core Numbers Conductor Section (mm <sup>2</sup> )	O.D approx (mm)	Copper Factor (kg/km)	Cable Weight approx (kg/km)
24G2,5	5,8 x 125	604,0	950,0
4G4	7,0 x 23	154,0	344,0
5G4	7,0 x 29	192,0	428,0
7G4	7,9 x 38	269,0	590,0
4G6	8,2 x 27	230,0	424,0
5G6	8,2 x 34	288,0	530,0
7G6	8,2 x 45	403,0	760,0
4G10	10,0 x 32	384,0	710,0
4G16	11,2 x 36	614,0	1.014,0
5G16	13,0 x 48	768,0	1.370,0
4G25	13,7 x 45	960,0	1.365,0
5G25	15,5 x 58	1.200,0	2.000,0
4G35	15,4 x 50	1.344,0	2.100,0
4G50	18,2 x 60	1.920,0	2.940,0
4G70	20,0 x 68	2.688,0	4.090,0