

TECHNICAL DATASHEET

H05VV-F / 60227 IEC 53 (Cu/PVC/PVC)

APPLICATION

For household appliances (refrigerators, spin dryers, etc.) under medium mechanical stresses, also in damp and wet spaces.



Number of cores x Nominal cross section	mm ²	3x2,5
Rated voltage (U ₀ /U)	V	300/500
Applicable standards	-	EN 50525-2-11, IEC 60227-5

1 CONDUCTOR

Material of conductor	-	Fine stranded copper (Class 5)
Applicable standard	-	EN 60228, IEC 60228

2 INSULATION

Material of insulation	-	PVC (Polyvinyl chloride) acc. to EN 50363-3 TI 2
	-	PVC (Polyvinyl chloride) acc. to IEC 60227-1 PVC/D
Thickness of insulation	mm	0,80
Diameter of insulation	mm	3,60
Identification of cores	HD 308 S2	Brown - Blue - Green/Yellow

FILLER

Material of filler	-	PVC (Polyvinyl chloride)
Thickness of filler	mm	0,20
Diameter of filler	mm	8,00

3 OUTER SHEATH

Material of outer sheath	-	PVC (Polyvinyl chloride) acc. to EN 50363-4-1 TM 2
	-	PVC (Polyvinyl chloride) acc. to IEC 60227-1 PVC/ST5
Thickness of outer sheath	mm	0,90
Overall cable diameter (approx)	mm	9,80
Colour of outer sheath	-	WHITE

TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	ohm/km	7,98
Current carrying capacity	A	25
AC Test voltage	V	2000
Minimum bending radius during laying	mm	5xCable Ø
Weight of cable (approx)	kg/km	172
Temperature range	°C	-20 / 70
Maximum operating temperature	°C	70
Maximum short circuit temperature (max. 5 sec.)	°C	160
Flame propagation test on single cable	-	EN 60332-1-2, IEC 60332-1-2



-20 / +70 °C
Temperature range



70 °C
Max. operating temperature



160 °C
Max. short circuit (max. 5 sec.)



Flexible Cable



EN-IEC 60332-1-2
Flame test standard



RoHS
Compliance



REACH
Compliance



European
Conformity



Eurasian
Conformity