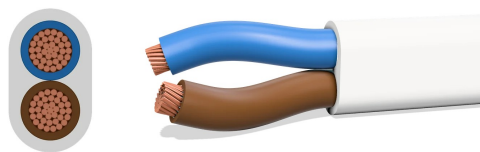


Application

H05VVH2-F is a harmonised ordinary-duty PVC-insulated and PVC-sheathed flat (parallel) flexible cord to EN 50525-2-11, rated 300/500 V, with two cores laid side by side in a common oblong sheath. It is intended for the connection of household and similar appliances subject to medium mechanical stress, such as lighting and audio and video equipment; as a two-core cord without earth it is only for double-insulated (class II) appliances, in dry and damp indoor locations such as households, kitchens and offices. The cord is suitable for flexible use without tensile load and for fixed installation in ducts; it is not intended for outdoor use, for heating or cooking appliances, for industrial or agricultural premises, or for portable tools.



CONSTRUCTION

Conductor	Fine-wire stranded plain (bare) annealed copper, class 5 to IEC/EN 60228.
Insulation	PVC (compound TI2 to EN 50363-3).
Sheath	PVC (compound TM2 to EN 50363-4-1), flat (oblong) section; black or white, other colours on request.
Core colours	To HD 308 S2: 2 cores brown, blue.

ELECTRICAL & THERMAL PROPERTIES

Rated voltage U₀/U	300/500 V.
Test voltage	2 kV.
Standard	EN 50525-2-11.
Flame-retardant	IEC/EN 60332-1-2.
Conductor standard	IEC/EN 60228 class 5.
Max. conductor temperature	+70 °C.
Permitted outer cable temperature, fixed	-5 °C to +70 °C.
Permitted outer cable temperature, moved	+5 °C to +70 °C.
Min. bending radius, fixed	6 × outer dimension (width).
Min. bending radius, moved	7.5 × outer dimension (width).
Reaction to fire (CPR)	Outside the scope of EN 50575 (flexible connection cable, not for permanent installation in construction works).

DIMENSIONS & TECHNICAL DATA

Cores × mm ²	Cond. R @20°C (Ω/km)	Nominal O.D. (mm, flat)	Weight (kg/km)
2 × 0.75	26	6.23	48
2 × 1	19.5	6.58	55
2 × 1.5	13.3	7.52	72

Dimensions are nominal manufacturer values of the leading reference source and refer to the flat section as width × height (2 × 0.75 mm²: 6.23 × 3.92 mm; 2 × 1.0 mm²: 6.58 × 4.09 mm; 2 × 1.5 mm²: 7.52 × 4.56 mm), with the larger dimension shown in the table; weights are nominal, conductor resistance is the maximum per IEC/EN 60228 class 5, and all values are indicative and non-binding.