

DATASHEET

H05VV-F Rubber-sheathed cable, 1000 M



Features

- Flexible, medium duty wire
- CPR Eca classification

Technical data

		Item No.: 3740546	Item No.: 3740547	Item No.: 3740548	Item No.: 3740549
Cable type		H05VV-F	H05VV-F	H05VV-F	H05VV-F
No. of leads		3	2	3	2
Conductor	Cross section (mm ²)	1.5	1	1	0.75
	Construction	30 / 0.237 ± 0.008	32 / 0.19 ± 0.008	32 / 0.19 ± 0.008	24 / 0.19 ± 0.08
	Conductor Dia. (mm)	1.5	1.24	1.24	1.08
	Conductor DC resistance at 20 °C ≤	≤ 13.3 Ω/km	≤ 19.5 Ω/km	≤ 19.5 Ω/km	≤ 26.0 Ω/km
Core insulation	Material	PVC	PVC	PVC	PVC
	Thickness(mm)	0.7	0.6	0.6	0.6
	Over Diameter (mm)	2.5 ± 0.10	2.5 ± 0.3	2.5 ± 0.3	2.3 ± 0.30
	Colour	Yellow/green,brown and blue	Brown and blue	Yellow/green,brown and blue	Brown and blue
Jacket	Material	PVC	PVC	PVC	PVC
	Thickness (mm)	0.9	0.8	0.8	0.8
	Over Diameter (mm)	8.1 ± 0.5	6.6 ± 0.5	7.0 ± 0.5	6.2 ± 0.5
Dielectric Strength (AC KV/min)		2000 V / 5 mins	2000 V / 5 mins	2000 V / 5 mins	2000 V / 5 mins
Max bending radius		≤ 6 times	≤ 6 times	≤ 6 times	≤ 6 times
Weight (kg/km)		108.93	65.94	78.83	58.02

Conductor..... Bare Copper, Class 5 according to IEC 60228
 Insulation Ethylene-propylenrubber (EPR) type EI4 according with EN50363-1
 Sheath colour Black
 Certification marks..... EN 50525-2-21 / IEC 60245-4
 Rated Voltage 300 / 300 V, 300 / 500 V
 Operation temperature -15 to +70 °C