

H03VV-F (YML) / A03VV-F (YML)

Light flexible cable

Standard: ÖVE/ÖNORM E 8241 (HD 21)

Usage:

Can be used in areas subject to low mechanical stressing in households and office premises for light hand-held appliances except for cooking and heating appliances. Not suitable for installation in the open air, in industrial premises or for connection of industrial power tools.



Construction:

- 1 Copper conductor, fine wire
- 2 Core insulation (PVC)
- 3 Sheath (PVC grey RAL 7035 resp. special colours)



Rated voltage: 300/300 V



Test voltage: 2000 Veff



Temperature range:

laying temperature: min. +5 °C
 operating temperature: +5 °C to +50 °C
 conductor temperature: max. +60 °C
 short-circuit temperature: max. +150 °C/5 s



Bending radius (min.): 3 x Ø of cable



Core identification: coloured (ÖVE)



Fire properties:

flame retardant (EN 50265-2-1, IEC 60332-1)



Test certificate:

ÖVE Austria,
 EZÚ Czech Republic,
 GOST Russia

Number of cores x nominal cross section (mm ²)	Colour of sheath	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
H03VV-F (YML-O)						
2 X 0.5	hgr	39.0	4.7	10	39	50 R, 100 R
2 X 0.75	hgr	26.0	5.2	15	48	50 R, 100 R
A03VV-F (YML-O)						
2 X 1	hgr	19.5	5.5	20	51	50 R, 100 R
H03VV-F (YML-J)						
3 G 0.5	hgr	39.0	5.0	15	46	50 R, 100 R
4 G 0.5	hgr	39.0	5.6	20	56	500 Sp, 1000 Sp
3 G 0.75	hgr	26.0	5.5	22.5	55	50 R, 100 R
4 G 0.75	hgr	26.0	6.1	30	70	50 R, 100 R
5 G 0.75	hgr	26.0	6.8	37.5	83	50 R, 100 R
A03VV-F (YML-J)						
3 G 1	hgr	19.5	5.9	30	62	50 R, 100 R
4 G 1	hgr	19.5	6.5	40	75	50 R, 100 R
H03VV-F (YML-O)						
2 X 0.5	sw, ws, br	39.0	4.7	10	39	500 Sp, 1000 Sp
2 X 0.75	sw, ws, br	26.0	5.2	15	48	500 Sp, 1000 Sp
A03VV-F (YML-O)						
2 X 1	sw, ws, br	19.5	5.4	20	51	500 Sp, 1000 Sp

H03VV-F (YML) / A03VV-F (YML)

Number of cores x nominal cross section (mm ²)	Colour of sheath	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
H03VV-F (YML-J)						
3 G 0.5	sw, ws, br	39.0	5.0	15	46	500 Sp, 1000 Sp
4 G 0.5	sw, ws, br	39.0	5.6	20	56	500 Sp, 1000 Sp
3 G 0.75	sw, ws, br	26.0	5.5	22.5	55	50 R, 100 R
4 G 0.75	sw, ws, br	26.0	6.1	30	70	500 Sp, 1000 Sp
5 G 0.75	sw, ws, br	26.0	6.8	37.5	83	500 Sp, 1000 Sp
A03VV-F (YML-J)						
3 G 1	sw, ws, br	19.5	5.8	30	62	500 Sp, 1000 Sp
4 G 1	sw, ws, br	19.5	6.3	40	75	500 Sp, 1000 Sp

Subject to technical changes.