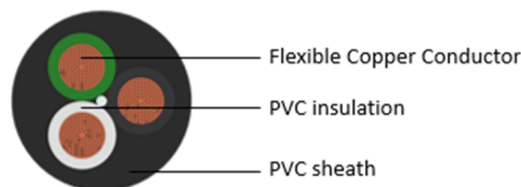


POLYCAB Type SJT/H03VV-F

Flexible Cords, UL 62, 300 V AC



Images not to scale. Follow table for dimensions

APPLICATION

POLYCAB Type SJT/H03VV-F, PVC insulated, PVC Jacketed flexible cable are suitable to use for home appliances viz: vacuum cleaners, refrigerators, washing machine and small appliances where mechanical stress is low. These cables are suitable to use in wet and damp areas.

CHARACTERISTICS

Voltage Rating
300 V

Operation Temperature

-20°C to 75°C UL 62
-15°C to 70°C BS EN 50525-2-11

CONSTRUCTION

- Annealed plain copper conductor, Class K as per ASTM B3 and ASTM B 172
- Insulated with insulation cl. 5 Polyvinyl Chloride (PVC) as per UL 62
- Jacketed with jacket cl. 1.6 Polyvinyl Chloride (PVC) as per UL 62

Core Identification

Number of conductors	Core Colour
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green

Bending Radii

Fixed Installation 5 x Overall Diameter
Occasional 4 x Overall Diameter

A-C Spark Test

218 -11 AWG 6 kV
10 AWG 7.5 kV

OUTSTANDING FEATURES

- Heat resistant
- Oil resistant
- Moisture resistant

STANDARD FOLLOWS

UL 62
ASTM B3
ASTM B172
UL 2556
NEC 400.5(A)

COMPLIANCE

Conductor resistance test	UL 62
Insulation resistance	UL 62
Cold bend test	UL62
Flame test	UL 62
Jacket resistance test	UL 62

OUR ACCREDITATIONS



Dimensional Characteristics:

No. of core	Conductor size	No. of Strand	Insulation thickness	Insulation thickness	Nominal Overall Diameter	Nominal Overall Diameter	Approximate weight	Approximate weight
	AWG		inches	mm	inches	mm	Lbs/Mft	Kg/km
2	18	16/30	0.030	0.76	0.274	6.95	43	63
3	18	16/30	0.030	0.76	0.291	7.38	52	77
4	18	16/30	0.030	0.76	0.318	8.08	64	95
2	16	26/30	0.030	0.76	0.299	7.59	54	80
3	16	26/30	0.030	0.76	0.318	8.07	67	99
4	16	26/30	0.030	0.76	0.349	8.85	83	123
2	14	41/30	0.030	0.76	0.329	8.34	69	103
3	14	41/30	0.030	0.76	0.350	8.88	87	130
4	14	41/30	0.030	0.76	0.385	9.76	109	163
2	12	65/30	0.030	0.76	0.396	10.06	105	156
3	12	65/30	0.030	0.76	0.421	10.68	132	196
4	12	65/30	0.030	0.76	0.460	11.68	164	244
2	10	104/30	0.045	1.14	0.535	13.58	183	272
3	10	104/30	0.045	1.14	0.568	14.42	229	340
4	10	104/30	0.045	1.14	0.622	15.78	285	423

Above values are approximate and subject to standard manufacturing tolerance

Electrical characteristics

No. of core	Conductor size	*Allowable ampacity Amp.	Maximum DC resistance at 20°C
	AWG	Ampere	Ω/km
2	18	10	22.4
3	18	10	22.4
4	18	7	22.4
2	16	13	14.1
3	16	13	14.1
4	16	10	14.1
2	14	18	8.88
3	14	18	8.88
4	14	15	8.88
2	12	25	5.58
3	12	25	5.58
4	12	20	5.58
2	10	30	3.51
3	10	30	3.51
4	10	25	3.51

*Ampacities are based on Table 400.5(A) of the 2014 National Electrical Code.