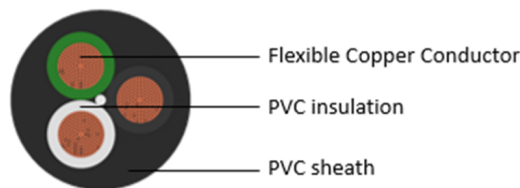


# POLYCAB Type SJT/H03VV-F

## 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.