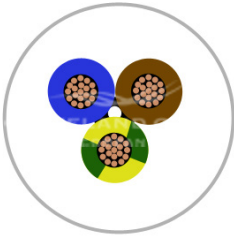


## 218\*Y – 318\*Y PVC INSULATED FLEXIBLE CORD



### APPLICATION

PVC Flex cable is used as an electrical supply to many household appliances such as refrigerators, washing machines and spin dryers. Plain annealed flexible copper conductors, PVC insulated, PVC outer sheath. Not advised for outdoor use. Available in 100M reels.

### CABLE STANDARDS

BS EN 50265-2-11

### CONSTRUCTION

**Conductor:** Plain annealed flexible stranded copper conductor

**Insulation:** Polyvinyl Chloride (PVC)

**Sheath:** Polyvinyl Chloride (PVC)

WH – Denotes white Sheath, not Black

218\*Y H03VV-F

318\*Y H05VV-F

### CHARACTERISTICS

**Voltage Rating:**

218\*Y 300/300 Volts

318\*Y 300/500 Volts

**Temperature Limits:**

Fixed: -5°C to +60°C

Flexing: +5°C to +60°C

**Minimum Bending Radius:** As per cable manufacturer datasheet

### CORE IDENTIFICATION

**2 Core:** Brown Blue

**3 Core:** Brown Blue G/Y

**4 Core:** Brown Black Grey G/Y

**5 Core:** Brown Black Grey Blue G/Y

**\*E3184Y Core Identification:**

**4 Core:** Brown Black Grey G/Y

Should not be installed at temperatures below 0°C

## 218\*Y – 318\*Y PVC INSULATED FLEXIBLE CORDS - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	OVERALL DIAMETER (MM)	GLAND SIZE (MM)
2182Y/5	0.5	16/0.2	2	36	5.4	20/16
2182Y/75	0.75	24/0.2	2	45	5.8	20/16
2183Y/5	0.5	16/0.2	3	44	5.6	20/16
2183Y/75	0.75	24/0.2	3	55	6.1	20/16
3182Y/5	0.5	16/0.2	2	52	6.3	20/16
3183Y/5	0.5	16/0.2	3	54	6.3	20/16
3182Y/75	0.75	24/0.20	2	59	6.8	20/16
3183Y/75	0.75	24/0.20	3	70	7.2	20/16
3184Y/75	0.75	24/0.20	4	85	7.7	20/16
3185Y/75	0.75	24/0.20	5	110	8.5	20S
3182Y1	1	24/0.20	2	69	7.2	20/16
3183Y1	1	32/0.20	3	82	7.6	20/16
3184Y1	1	32/0.20	4	105	8.5	20S
3185Y1	1	32/0.20	5	130	9.1	20S
3182Y1/5	1.5	30/0.25	2	95	8.2	20/16
3183Y1/5	1.5	30/0.25	3	120	8.9	20S
3184Y1/5	1.5	30/0.25	4	150	10	20S
3185Y1/5	1.5	30/0.25	5	180	11	20
3182Y2/5	2.5	50/0.25	2	145	9.9	20S
3183Y2/5	2.5	50/0.25	3	180	10.8	20S
3184Y2/5	2.5	50/0.25	4	220	11.3	20
3185Y2/5	2.5	50/0.25	5	265	12.8	20
*E3184Y/75WH	0.75	24/0.2	4	85	7.7	20/16
*E3184Y1WH	1	32/0.2	4	105	8.5	20S
*E3184Y1/5WH	1.5	30/0.25	4	150	10	20S
*E3184Y2/5WH	2.5	50/0.25	4	220	11.4	20

## PVC INSULATED FLEXIBLE CORDS – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA MM <sup>2</sup>	REFERENCE METHOD A (IN CONDUIT IN WALL)	REFERENCE METHOD C (CLIPPED DIRECT)	VOLTAGE DROP MV/A/M
1	11	20	44
1.5	14.5	27	29
2.5	20	31	18
4	26	42	12
6	34	53	7.9

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS.

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.