



PRODUCT DATA SHEET

PDS No : 318V70

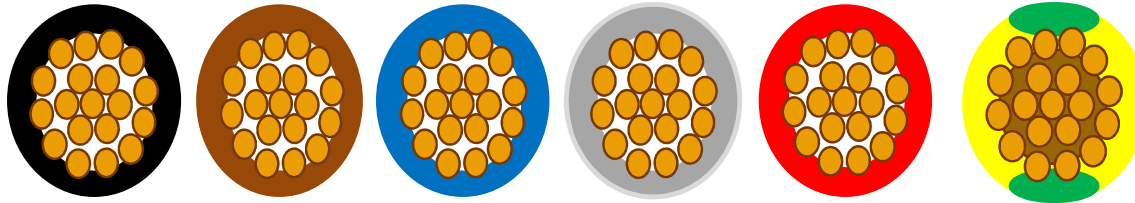
Cable CU/PVC-F 70°C 600/1000V

Revision : 01

Date : 23-Feb-2022

A. CONSTRUCTION

Reference Standard : BS 6231 (TYPE BK / Flexible), IEC 60502-1, IEC 60228, BS 7655, IEC 60332-1
Rated voltage : 600/1000 V
Max.operating temp. : -20 to 70°C
Min.Bending radius : 3 x cable diameter (static)
High voltage Test : 3500 V/5 Min.



Drawing : No scale, only sample

1. Conductor

Round Bunched Annealed Copper Wire
Class 5 Conductor in acc. To IEC 60228

2. Insulation

PVC Insulation TI 1 upto 70°C (BS 7655)
see Ral Colours Table :
Black, Brown, Blue, Grey, Red
Yellow with Green stripe or customer request

B. MARKING

Size $\leq 10 \text{ mm}^2$ § LAPP KABEL **CU/PVC-F** "SIZE" 600/1000 V 70°C BS 6231 IEC 60332-1-2 (E)

Size $> 10 \text{ mm}^2$ § LAPP KABEL **CU-PVC-F** "SIZE" 600/1000 V 70°C P/N BS 6231 IEC 60332-1-2 (E) MM RV

Legend :

§ : Manufacturer's symbol U323

P/N : Part Number

MM : Meter marking sequence (=0000 M= or 0000 MEIER)

RV : Lapp traceability code

Accepted by:

Signature & Company Stamp:

Date of Acceptance:

/ /

Disclaimer

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C. DIMENSION AND ELECTRICAL

DIMENSION							ELECTRICAL		
No	Reference No	Size	Conductor	Insulation		Weight	Conductor Resistance at 20°C	Standard length	Standard Packing #
				Thickness Nominal	Diameter Approx.				
-	-	mm ²	pcs/mm	mm	mm	kg/km	Ohm/km	m	
1	318V70101	0.5	16/0.195	0.8	2.6	12.0	39.0	100	Coil in box
2	318V70102	0.75	24/0.195	0.8	2.8	15.0	26.0	100	Coil in box
3	318V70103	1	32/0.195	0.8	3.0	17.9	19.5	100	Coil in box
4	318V70104	1.5	30/0.24	0.8	3.2	22.6	13.3	100	Coil in box
5	318V70105	2.5	50/0.24	0.8	3.7	32.8	7.98	100	Coil in box
6	318V70106	4	55/0.3	0.8	4.3	50.2	4.95	100	Coil in box
7	318V70107	6	80/0.3	0.8	4.8	68.7	3.30	100	Coil in box
8	318V70108	10	80/0.39	1.0	6.1	114.0	1.91	100	Coil
9	318V70109	16	124/0.39	1.0	7.1	167.2	1.21	100	Coil
10	318V701010	25	200/0.39	1.2	8.9	265.5	0.780	100	Coil
11	318V701011	35	280/0.39	1.2	10.0	360.1	0.554	100	Drum
12	318V701012	50	400/0.39	1.4	11.9	511.4	0.386	500	Drum
13	318V701013	70	356/0.49	1.4	13.6	700.4	0.272	500	Drum
14	318V701014	95	485/0.49	1.6	15.8	950.3	0.206	500	Drum
15	318V701015	120	614/0.49	1.6	17.3	1185.5	0.161	500	Drum
16	318V701016	150	765/0.49	1.8	19.3	1477.3	0.129	500	Drum
17	318V701017	185	944/0.49	2.0	21.5	1821.9	0.106	500	Drum
18	318V701018	240	1225/0.49	2.2	24.3	2353.6	0.080	500	Drum
19	318V701019	300	1525/0.49	2.4	27.0	2921.6	0.0641	500	Drum

Note :
Special standard packing and length are available on request

Due to variables in production, the information on this sheet is approximate and subject to change without notice.

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D Ral Colors Table

No	Reference No	Size	LAPP P/N									
			Black RAL 9005	Brown RAL 8003	Dark Blue RAL 5010	Yellow RAL 1003	Grey RAL 7000	Green RAL 6018	Red RAL 3000	White RAL 9000	Orange RAL 2003	Light Blue RAL 5015
-	-	mm ²										
1	318V70101	0.5	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
2	318V70102	0.75	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
3	318V70103	1	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
4	318V70104	1.5	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
5	318V70105	2.5	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
6	318V70106	4	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
7	318V70107	6	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
8	318V70108	10	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
9	318V70109	16	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
10	318V701010	25	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
11	318V701011	35	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
12	318V701012	50	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
13	318V701013	70	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
14	318V701014	95	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
15	318V701015	120	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
16	318V701016	150	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
17	318V701017	185	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
18	318V701018	240	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba
19	318V701019	300	tba	tba	tba	tba	tba	tba	tba	tba	tba	tba

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