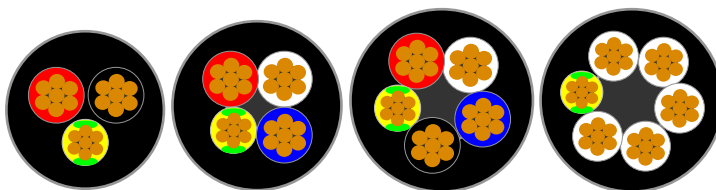


3803902	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC BK 0.6/1kV <i>(former AS BLACK CIRCULAR, 0.6/1kV)</i>	

<https://lappapac.lappgroup.com>



*Illustrations are not to scale and do not represent detailed images of the respective products.

1. Application

This cable is suitable in fixed installation for power and lighting in commercial building at working voltages up to 0.6/1 kV. The cable has UV-resistant properties and can be used outdoors under direct sunlight.

2. Reference Standard(s)

Based on AS/NZS 5000.1

3. Cable Construction

- 3.1. Conductor : Stranded plain annealed copper wire acc. to AS/NZS 1125, Cl. 2
- 3.2. Core Insulation : PVC (V-90) compound
- 3.3. Core Colours : 2 core+E – RD/BK/GNYYE
3 core+E – RD/WH/BU/GNYYE
4 core+E – RD/WH/BU/BK/GNYYE
6 core and above – WH with black number marking + GNYYE core
- 3.4. Assembly of Cores : Fillers, barrier/binder tapes may be used
- 3.5. Outer Sheath : PVC (5V-90) compound, UV-Resistant
- 3.6. Sheath colour : Black

4. Technical Data

- 4.1. Rated Voltage : 0.6/1 kV
- 4.2. Test Voltage : 3.5 kV
- 4.3. Conductor Resistance : In acc. to AS/NZS 1125
- 4.4. Insulation resistance : In acc. to AS/NZS 3808
- 4.5. Min. Bending Radius : 4 x cable diameter for $\leq 25\text{mm}^2$ (fixed installation)
6 x cable diameter for $\geq 35\text{mm}^2$ (fixed installation)
- 4.6. Temperature Range : -20°C up to +90°C
- 4.7. Flame Retardant : In acc. to AS/NZS 1660.5.6, IEC 60332-1-2
- 4.8. EU Directive : 2011/65/EU (RoHS)

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3803902EN Version: 08	Page 1 of 3
--	---------------------------------------	-------------

This data sheet and its contents belong to LAPP Asia Pacific Pte Ltd. Neither the whole nor any part of the information contained in this data sheet may be adapted or reproduced without prior written consent. Although LAPP Asia Pacific Pte Ltd makes every effort to ensure accuracy at time of publication, information and specifications contained herein are subject to error or omission, and to changes without notice. Users of this data sheet shall check for themselves the information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted.

ref.:

3803902	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC BK 0.6/1kV <i>(former AS BLACK CIRCULAR, 0.6/1kV)</i>	

<https://lappapac.lappgroup.com>

5. Dimensional Data

Part No.	No. of core and conductor cross-section mm ²	Approx. Cable OD mm	Outer Sheath Colour -	Approx. Cable Wt. kg/km
3803902	2x1.5+E	10.5	Black	142.0
3803903	2x2.5+E	11.4	Black	187.0
3803904	2x4+2.5E	12.9	Black	243.0
3803905	2x6+2.5E	13.7	Black	301.0
3803844	2x10+4E	15.4	Black	431.0
3803845	2x16+6E	17.4	Black	616.0
3803846	2x25+6E	20.3	Black	868.0
3803847	2x35+10E	22.6	Black	1183.0
3803848	2x50+16E	25.7	Black	1647.0
3803849	2x70+25E	30.0	Black	2298.0
3803850	2x95+25E	33.5	Black	2970.0
3803851	2x120+35E	36.6	Black	3722.0
3803906	3x1.5+E	11.3	Black	172.0
3803907	3x2.5+E	12.4	Black	231.0
3803908	3x4+2.5E	14.2	Black	313.0
3803909	3x6+2.5E	15.3	Black	397.0
3803856	3x10+4E	17.3	Black	578.0
3803857	3x16+6E	19.8	Black	838.0
3803858	3x25+6E	22.7	Black	1211.0
3803859	3x35+10E	25.6	Black	1648.0
3803860	3x50+16E	29.5	Black	2314.0
3803861	3x70+25E	34.4	Black	3229.0
3803862	3x95+25E	38.8	Black	4229.0
3803863	3x120+35E	42.4	Black	5289.0
3803910	4x1.5+E	12.2	Black	203.0
3803911	4x2.5+E	13.5	Black	276.0
3803912	4x4+2.5E	15.5	Black	382.0
3803913	4x6+2.5E	16.8	Black	493.0
3803868	4x10+4E	19.1	Black	726.0
3803869	4x16+6E	21.7	Black	1061.0
3803870	4x25+6E	26.1	Black	1581.0
3803871	4x35+10E	28.7	Black	2114.0
3803872	4x50+16E	33.3	Black	2983.0
3803873	4x70+25E	38.7	Black	4150.0
3803874	4x95+25E	43.9	Black	5477.0
3803875	4x120+35E	48.2	Black	6865.0

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3803902EN Version: 08	Page 2 of 3
--	---------------------------------------	-------------

This data sheet and its contents belong to LAPP Asia Pacific Pte Ltd. Neither the whole nor any part of the information contained in this data sheet may be adapted or reproduced without prior written consent. Although LAPP Asia Pacific Pte Ltd makes every effort to ensure accuracy at time of publication, information and specifications contained herein are subject to error or omission, and to changes without notice. Users of this data sheet shall check for themselves the information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted.

ref.:

3803902	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC BK 0.6/1kV <i>(former AS BLACK CIRCULAR, 0.6/1kV)</i>	

<https://lappapac.lappgroup.com>

Part No.	No. of core and conductor cross-section	Approx. Cable OD	Outer Sheath Colour	Approx. Cable Wt.
3803876	5x1.5+E	13.2	Black	234.0
3803877	6x1.5+E	13.2	Black	258.0
3803878	8x1.5+E	15.7	Black	326.0
3803879	10x1.5+E	16.4	Black	379.0
3803880	12x1.5+E	17.7	Black	436.0
3803881	15x1.5+E	18.6	Black	515.0
3803882	16x1.5+E	19.6	Black	546.0
3803883	20x1.5+E	20.6	Black	649.0
3803884	25x1.5+E	22.7	Black	785.0
3803885	30x1.5+E	25.0	Black	921.0
3803886	36x1.5+E	25.9	Black	1070.0
3803887	40x1.5+E	28.1	Black	1183.0
3803888	50x1.5+E	30.8	Black	1466.0
3803889	5x2.5+E	14.5	Black	321.0
3803890	6x2.5+E	14.5	Black	357.0
3803891	8x2.5+E	17.5	Black	453.0
3803892	10x2.5+E	18.2	Black	531.0
3803893	12x2.5+E	19.7	Black	615.0
3803894	15x2.5+E	20.7	Black	732.0
3803895	16x2.5+E	21.8	Black	777.0
3803896	20x2.5+E	23.0	Black	931.0
3803897	25x2.5+E	25.5	Black	1132.0
3803898	30x2.5+E	28.2	Black	1346.0
3803899	36x2.5+E	29.3	Black	1572.0
3803900	40x2.5+E	31.9	Black	1752.0
3803901	50x2.5+E	34.9	Black	2154.0

Note: "E" = denote as EARTH CORE

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3803902EN Version: 08	Page 3 of 3
--	---------------------------------------	-------------

This data sheet and its contents belong to LAPP Asia Pacific Pte Ltd. Neither the whole nor any part of the information contained in this data sheet may be adapted or reproduced without prior written consent. Although LAPP Asia Pacific Pte Ltd makes every effort to ensure accuracy at time of publication, information and specifications contained herein are subject to error or omission, and to changes without notice. Users of this data sheet shall check for themselves the information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted.

ref.: