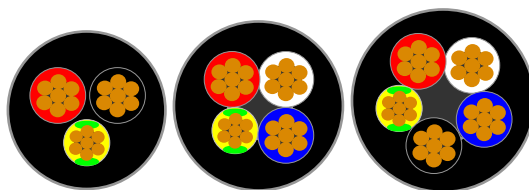


3803840	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC BK 450/750V <i>(former AS BLACK CIRCULAR, 450/750V)</i>	

<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 450/750V. The cable has UV-resistant properties and can be used outdoors under direct sunlight.

2. Reference Standard(s)

Based on AS/NZS 5000.2

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/GN YE
3 core+E – RD/WH/BU/GN YE
4 core+E – RD/WH/BU/BK/GN YE
- 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 : 450/750 V
- 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 (fixed installation)
- 4.6. Temperature Range : -20°C 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: SDB3803840EN Version: 08	Page 1 of 2
--	---------------------------------------	-------------

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.:

3803840	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC BK 450/750V (former AS BLACK CIRCULAR, 450/750V)	

<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
3803840	2x1.5+E	8.4	Black	105.0
3803841	2x2.5+E	10.1	Black	153.0
3803842	2x4+2.5E	11.1	Black	199.0
3803843	2x6+2.5E	12.0	Black	258.0
3803852	3x1.5+E	9.3	Black	130.0
3803853	3x2.5+E	10.9	Black	192.0
3803854	3x4+2.5E	12.3	Black	266.0
3803855	3x6+2.5E	13.6	Black	345.0
3803864	4x1.5+E	10.1	Black	155.0
3803865	4x2.5+E	11.9	Black	238.0
3803866	4x4+2.5E	13.7	Black	328.0
3803867	4x6+2.5E	15.1	Black	440.0

Note: "E" = denote as EARTH CORE

Elaborated by: BEKO / PM Approved by: BEKR / PM	Document: SDB3803840EN Version: 08	Page 2 of 2
--	---------------------------------------	-------------

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.: