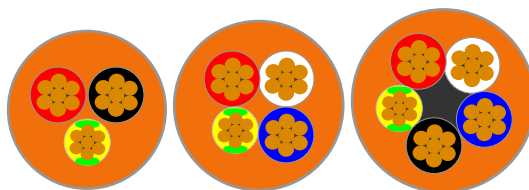


3801816	DATA SHEET	
Valid from: 01.10.2023	ÖLFLEX® POWER CTPS PVC OG 450/750V (former AS ORANGE CIRCULAR, 450/750V)	

<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 : Orange

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

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Version: 08

Page 1 of 2

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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
3801816	2x1.5+E	8.4	Orange	105.0
3801817	2x2.5+E	10.1	Orange	153.0
3801818	2x4+2.5E	11.1	Orange	199.0
3801819	2x6+2.5E	12.0	Orange	258.0
3801831	3x1.5+E	9.3	Orange	130.0
3801832	3x2.5+E	10.9	Orange	192.0
3801833	3x4+2.5E	12.3	Orange	266.0
3801834	3x6+2.5E	13.6	Orange	345.0
3801851	4x1.5+E	10.1	Orange	155.0
3801852	4x2.5+E	11.9	Orange	238.0
3801853	4x4+2.5E	13.7	Orange	328.0
3801854	4x6+2.5E	15.1	Orange	440.0

Note: "E" = denote as EARTH CORE

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Page 2 of 2

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