
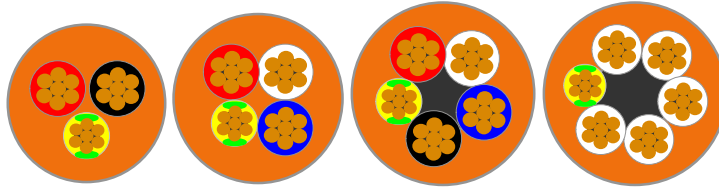


3801820B	DATA SHEET	
Valid from: 01.05.2024	ÖLFLEX® POWER CTPS XLPE OG 0.6/1kV <i>(former AS ORANGE CIRCULAR 2X 0.6/1kV)</i>	

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*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 : Circular strands of plain annealed copper acc. to AS/NZS 1125, Class 2
- 3.2. Separator : XLPE (X-90) compound
- 3.3. Core Insulation : 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 – White 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 : Orange

4. Technical Data

- 4.1. Rated Voltage : 0.6/1 kV
- 4.2. Test Voltage : 3.5 kV AC
- 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 : 20 x cable diameter
- 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. EC Directive : 2011/65/EU (RoHS)

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5. Dimensional Data

Part No.	No. of core(s) and conductor cross-section	Approx. Outer Diameter	Approx. Cable Weight
	mm ²	mm	kg/km
3801820B	2x10+4E	15.5	230.4
3801821B	2x16+6E	17.7	364.8
3801822B	2x25+6E	21.3	537.6
3801823B	2x35+10E	23.7	768.0
3801835B	3x10+4E	17.0	326.4
3801836B	3x16+6E	19.6	518.4
3801855B	4x10+4E	18.7	422.4
3801856B	4x16+6E	21.5	672.0
3801857B	4x25+6E	26.1	1017.0
3801858B	4x35+10E	29.1	1440.0
3801859B	4x50+16E	33.6	2073.0
3801860B	4x70+25E	39.1	2928.0
3801861B	4x95+25E	44.3	3888.0

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