

Description: ÖLFLEX HEAT 205 SC 1_

Lapp code: Lapp 0084000

The **Test voltage** of the cable Lapp 0084000 is 2500 V.

Application range

- Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight spaces
- Typical fields of application
 - Control cabinets with high heat generation
 - Measuring instruments
 - Furnaces and brickworks
 - Heating equipment and kitchen appliances
 - Electric motor building
 - Installations in the chemical industry

Product Make-up

- Fine-wire, tinned-copper conductor
- FEP core insulation

In our Cable list on next page you can find all interesting information acc. article Lapp 0084000 and much more.

CABLE LIST - all informations you need you can find here

| Product Name | Lapp Nr. | Conductor cross-section (mm²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|-------------------------|--------------|-------------------------------|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080001 | 0.14 | 1.0 | black | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080002 | 0.14 | 1.0 | blue | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080005 | 0.14 | 1.0 | yellow | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080006 | 0.14 | 1.0 | green | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080010 | 0.14 | 1.0 | transparent | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080104 | 0.14 | 1.0 | red | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.14 | Lapp 0080105 | 0.14 | 1.0 | white | 1.35 | 2.6 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081001 | 0.25 | 1,2 | black | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081002 | 0.25 | 1,2 | blue | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081003 | 0.25 | 1,2 | brown | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081005 | 0.25 | 1,2 | yellow | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081006 | 0.25 | 1,2 | green | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081009 | 0.25 | 1,2 | orange | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081010 | 0.25 | 1,2 | transparent | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081104 | 0.25 | 1,2 | red | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081105 | 0.25 | 1,2 | white | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.25 | Lapp 0081106 | 0.25 | 1,2 | grey | 2.4 | 4 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082000 | 0.5 | 1,45 | green/yellow | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082001 | 0.5 | 1,45 | black | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082002 | 0.5 | 1,45 | blue | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082003 | 0.5 | 1,45 | brown | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082005 | 0.5 | 1,45 | yellow | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082006 | 0.5 | 1,45 | green | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082007 | 0.5 | 1,45 | violet | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082009 | 0.5 | 1,45 | orange | 4.8 | 6.8 |

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|-------------------------|--------------|--|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082010 | 0.5 | 1,45 | transparent | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082104 | 0.5 | 1,45 | red | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082105 | 0.5 | 1,45 | white | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.5 | Lapp 0082106 | 0.5 | 1,45 | grey | 4.8 | 6.8 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083000 | 0.75 | 1,8 | green/yellow | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083001 | 0.75 | 1,8 | black | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083002 | 0.75 | 1,8 | blue | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083003 | 0.75 | 1,8 | brown | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083005 | 0.75 | 1,8 | yellow | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083006 | 0.75 | 1,8 | green | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083008 | 0.75 | 1,8 | pink | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083010 | 0.75 | 1,8 | transparent | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083104 | 0.75 | 1,8 | red | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 0.75 | Lapp 0083105 | 0.75 | 1,8 | white | 7.2 | 10.1 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084000 | 1 | 1,95 | green/yellow | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084001 | 1 | 1,95 | black | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084002 | 1 | 1,95 | blue | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084003 | 1 | 1,95 | brown | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084005 | 1 | 1,95 | yellow | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084006 | 1 | 1,95 | green | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084007 | 1 | 1,95 | violet | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084010 | 1 | 1,95 | transparent | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084104 | 1 | 1,95 | red | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084105 | 1 | 1,95 | white | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1 | Lapp 0084106 | 1 | 1,95 | grey | 9.6 | 12.8 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085000 | 1.5 | 2,1 | green/yellow | 14.4 | 18 |

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| Product Name | Lapp Nr. | Conductor cross-section (mm ²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|------------------------|--------------|--|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085001 | 1.5 | 2,1 | black | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085002 | 1.5 | 2,1 | blue | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085003 | 1.5 | 2,1 | brown | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085005 | 1.5 | 2,1 | yellow | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085010 | 1.5 | 2,1 | transparent | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085104 | 1.5 | 2,1 | red | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 1.5 | Lapp 0085105 | 1.5 | 2,1 | white | 14.4 | 18 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086000 | 2.5 | 2,6 | green/yellow | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086001 | 2.5 | 2,6 | black | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086002 | 2.5 | 2,6 | blue | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086003 | 2.5 | 2,6 | brown | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086007 | 2.5 | 2,6 | violet | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086010 | 2.5 | 2,6 | transparent | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086104 | 2.5 | 2,6 | red | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086105 | 2.5 | 2,6 | white | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 2.5 | Lapp 0086106 | 2.5 | 2,6 | grey | 24.0 | 29.5 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087000 | 4 | 3,1 | green/yellow | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087001 | 4 | 3,1 | black | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087002 | 4 | 3,1 | blue | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087003 | 4 | 3,1 | brown | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087005 | 4 | 3,1 | yellow | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087010 | 4 | 3,1 | transparent | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087104 | 4 | 3,1 | red | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 4 | Lapp 0087105 | 4 | 3,1 | white | 38.0 | 45 |
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088000 | 6 | 3,8 | green/yellow | 58.0 | 68 |
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088001 | 6 | 3,8 | black | 58.0 | 68 |

DATASHEET FOR ÖLFLEX HEAT 205 SC 1_ by

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ÖLFLEX HEAT 205 SC 1_

Lapp 0084000



| Product Name | Lapp Nr. | Conductor cross-section (mm ²) | Outer diameter (mm) | Core colour | Copper index (kg/km) | Weight (kg/km) |
|-----------------------|--------------|--|---------------------|--------------|----------------------|----------------|
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088002 | 6 | 3,8 | blue | 58.0 | 68 |
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088003 | 6 | 3,8 | brown | 58.0 | 68 |
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088010 | 6 | 3,8 | transparent | 58.0 | 68 |
| ÖLFLEX HEAT 205 SC 6 | Lapp 0088104 | 6 | 3,8 | red | 58.0 | 68 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089000 | 10 | 4,7 | green/yellow | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089001 | 10 | 4,7 | black | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089002 | 10 | 4,7 | blue | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089003 | 10 | 4,7 | brown | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089010 | 10 | 4,7 | transparent | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089104 | 10 | 4,7 | red | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089105 | 10 | 4,7 | white | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 10 | Lapp 0089106 | 10 | 4,7 | grey | 96.0 | 116 |
| ÖLFLEX HEAT 205 SC 16 | Lapp 0090000 | 16 | 6,6 | green/yellow | 154.0 | 175 |
| ÖLFLEX HEAT 205 SC 16 | Lapp 0090001 | 16 | 6,6 | black | 154.0 | 175 |
| ÖLFLEX HEAT 205 SC 16 | Lapp 0090002 | 16 | 6,6 | blue | 154.0 | 175 |
| ÖLFLEX HEAT 205 SC 16 | Lapp 0090104 | 16 | 6,6 | red | 154.0 | 175 |