

**Description:** ÖLFLEX HEAT 205 SC 0.5\_

**Lapp code:** Lapp 0082002

The **Test voltage** of the cable Lapp 0082002 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 0082002 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

DATASHEET FOR ÖLFLEX HEAT 205 SC 0.5\_ by

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Product Name	Lapp Nr.	Conductor cross-section (mm²)	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

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Product Name	Lapp Nr.	Conductor cross-section (mm <sup>2</sup> )	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