

RADOX® EN 50306-2 300V M

halogen-free, electron beam cross-linked single core



RADOX® EN 50306-2 300V M 1x2,5 mm²

Technical data

- compliant with the requirements acc. to EN 50306-2
- **Temperature range**
flexible -50°C to +125°C
fixed -50°C to +125°C
- **Nominal voltage**
U₀/U 300/500 V
- **Test voltage**
2000 V AC / 4800 V DC
- **Minimum bending radius**
flexible 4x Outer-Ø
fixed 3x Outer-Ø

Cable structure

- Copper wire tinned, acc. to EN 50306-2
- Core insulation: RADOX® EI 306
- Core identification: see table

Properties

- halogen-free and flame-retardant
- resistance to: oil, fuel, ozone and weather influences
- cold flexible
- heat resistant
- electron beam cross-linked RADOX® insulation does not melt or flow
- compliant with the essential fire protection standards

Tests

- EN 45545-2 HL1 - HL3
- NFPA 130
- GOST 31565

Note

- please find further technical information in the H&S product data sheet
- other dimensions and colours on request

Application

- The cores are intended for fixed installation in rail vehicles or for installation where limited alternating bending stress occurs during operation.
- Specifications concerning the selection and installation of cables are described in the standards EN 50355 and EN 50343.

Part no.	Part no. H&S	No. cores x cross-sec. mm ²	Outer Ø app. mm	Weight app. kg / km	Copper weight kg / km
34624	12586000	1 x 0,5 WH	1,4	6	4,8
35316	12586001	1 x 0,75 WH	1,6	8	7,2
11006493	12586002	1 G 0,75 GN-YE	1,6	8	7,2
34625	12586003	1 x 1 WH	1,8	10	9,6
11006496	84112450	1 G 1 GN-YE	1,8	10	9,6

Part no.	Part no. H&S	No. cores x cross-sec. mm ²	Outer Ø app. mm	Weight app. kg / km	Copper weight kg / km
34626	12586004	1 x 1,5 WH	2,2	16	14,4
11006495	12586007	1 G 1,5 GN-YE	2,2	16	14,4
34627	12586005	1 x 2,5 WH	2,8	26	24,0
11006494	12586006	1 G 2,5 GN-YE	2,8	26	24,0

Dimensions and specifications may be changed without prior notice.