

RADOX® EN 50306-3 300V MM S

halogen-free, electron beam cross-linked single core, screened



Technical data

- compliant with the requirements acc. to EN 50306-3
- **Temperature range**
flexible -50°C to +120°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: white
- EMC-Screen: braided screen of tinned copper wires
- Outer sheath: RADOX® S2
- Outer sheath colour: black

Properties

- halogen-free and flame-retardant
- very good 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
- 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	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
11006660	84097978	1 x 0,5	2,6	14	9,6	11006669	84111019	1 x 1,5	3,3	27	21,0
11006668	84111017	1 x 0,75	2,7	17	12,5	11006670	84111020	1 x 2,5	3,9	39	31,9
11006661	84097980	1 x 1	2,8	19	14,6						

Dimensions and specifications may be changed without prior notice.