<VDE> cable type certification
Cables' <VDE> marking is a testing mark/ proof of the successful testing according to VDE/ EN/ HD/ IEC standards as well as possible health and safety regulations. <VDE> is issued by the VDE testing and certification institute.



Info
<VDE>

Application range
Internal wiring of devices
Protected installation in and on lighting equipments
Signal systems in and on plaster in tubes

Product Make-up
Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
PVC core insulation

Norm references / Approvals
<VDE> cable type certification acc. EN 50525-2-31

Product features
Flame retardant acc. to IEC 60332-1-2

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Photographs are not to scale and do not represent detailed images of the respective products.
The outer diameters stated in the part number table are maximum values.

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding:	Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
Minimum bending radius:	At a cable temperature of 20°C ±10°C, according to HD 516 4 x outer diameter (OD) for normal use 2 x OD for cautions bending
Nominal voltage:	U_0/U: 300/500 V
Test voltage:	2000 V
Current rating:	VDE 0298 Part 4 HD 516/VDE 0298-300
Temperature range:	Fixed installation: -30°C to +80°C Moved: +5°C to +70°C

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Part number	Conductor cross-section (mm²)	Outer diameter (mm)	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
8110033	1	2.8	brown	100	9.6	15
8110013	1	2.8	black	100	9.6	15
8110063	1	2.8	grey	100	9.6	15
8110023	1	2.8	blue	100	9.6	15
8110003	1	2.8	green/yellow	100	9.6	15

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