



VOKA-A-YSLCY-JZ/OZ

also available as JB/OB
300/500V

APPLICATION

Shielded control cable in dry, damp and wet rooms, with normal mechanical Stress. Outdoors not without UV protection. Suitable for free, not constantly recurring Movement without tensile load, as well as for fixed installation. Mostly resistant to acids, alkalis and certain oils. Approved for usage acc. to euroclass classification Eca.

Usage: In measuring, control and regulation technology, in tool and machine construction, conveyor systems, heating and clinching technology, office machinery and data processing equipment

STANDARDS

Based on IEC 60227-5 and EN 50525-2-51

CONSTRUCTION

Conductor: Fine-wired bare copper strand according to VDE 0295 class 5

Core insulation: special PVC compound

Core identification: black numbered or colored according to VDE 0293, gn/ye in outer layer

Stranding: cores twisted in lays

Wrapping: Foil winding over outer layer

Screening: braid ca. 70%, tinned copper

Sheath material: special PVC compound

Sheath color: silvergrey, ca. RAL 7001

BEHAVIOR UNDER FIRE CONDITIONS

EN 60332-1-2, EN 50575, EN 13501-6 Klasse Eca

CHEMICAL PROPERTIES

RoHS: according to EU Directive 2011/65/EU

REACH: according to EC Regulation No. 1907/2006

PWIS: all materials used during manufacturing must be free of paint wetting impairment substances

ELECTRICAL CHARACTERISTICS

Spec. resistance min.	20 GΩxcm
Operating capacity	C/C ca. 150nF/km
	C/S ca. 270nF/km
Test voltage	C/C 4000V/AC
	C/S 2000V/AC
Nominal voltage U ₀ /U	300/500V
Coupling resistance	max. 250Ω/km (at 30MHz)

THERMAL & MECHANICAL PROPERTIES

Temperature range stationary	-40°C to 80°C
Temperature range during inst.	-5°C to 70°C
min. bending radius installed	5 x outer-Ø
min. bending radius moved	10 x outer-Ø

Version: 05/2024

We reserve changes which serve technical progress • Price upon quantity-specific request

