



J-Y(St)Y Lg BMK Eca

APPLICATION

For alarm equipment in dry and moist production sites, for fixed installation in buildings. Not approved for power installation.

Usage: directive 2014/35/EU

STANDARDS

Richtlinie 2014/35/EU
Richtlinie 2015/863/EU

CONSTRUCTION

Conductor: copper, solid, bare, 0.6/0.8 mm

Core insulation: PVC

Core identification: acc. to DIN VDE 0815

Stranding: cores to pair, pairs twisted to layers

Wrapping: plastic foil

Screening: copper drain wire, plastic-laminated aluminium foil

Sheath material: PVC

Sheath color: red, RAL 3000

Tracer thread: VOKA

BEHAVIOR UNDER FIRE CONDITIONS

EN 60332-1-2 ; EN 50399 ; EN 50575
EN 13501-6 class Eca

CHEMICAL PROPERTIES

RoHS: acc. to EU-guideline 2011/65/EU

REACH: acc. to EG-regulation Nr. 1907/2006

PWIS: used material will not destroy the paint

ELECTRICAL CHARACTERISTICS

loop resistance max.	0.6 - 130 Ω / km
	0.8 - 73.2 Ω / km
Insulation resistance min.	min. 100 M Ω x km
	at +20°C
Operating capacity	max. 120 nF/km
	at 800 Hz
Capacitive coupling K1	max. 300 pF/100 m
	(20 % of the values
	at least 1 value
Test voltage	up to 500 pF/100 m)
	at 800 Hz
Operating voltage	core-core 800 V/AC
	core-screen 800 V/AC
	at 50 Hz - 1 min

THERMAL & MECHANICAL PROPERTIES

Temperature range stationary	-30 °C to +70 °C
Temperature range during inst.	-5 °C to +50 °C
min. bending radius installed	8 x outer diameter
min. bending radius moved	8 x outer diameter

Version: 03/2025

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

