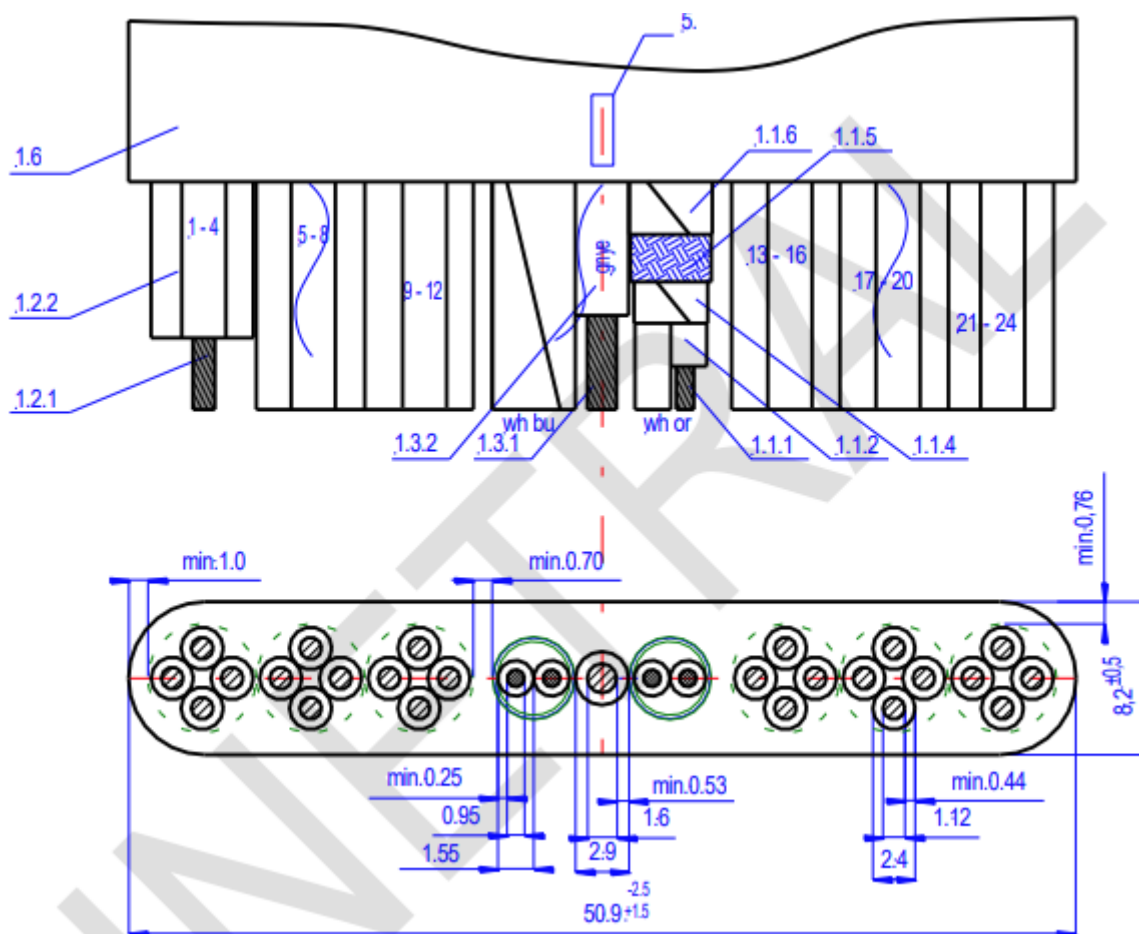


Part-No.	117366	Data Sheet No. 250020(6182)	Issue: E9
Designed	Kholoshenko	Date: 19.05.2025	
Checked	Palmsteiner	Date: 19.05.2025	

Type LEAFL-(Y+Y+2YCVF)Y-JZ 24X0,75+1,5+2(2x0,5)

PVC flat flexible lift cable



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Geba Cables and Wires Slovakia s.r.o - Veľké Leváre 1113, 908 73 Veľké Leváre, Slovak Republic
GebaSlovakia@gebacables.com | www.gebacables.com | Tel: +421 34 324 6500

1. DESIGN DATA

1.1 SCREENED PAIRS 0.50mm²

1.1.1 Conductor

Nominal cross-section area 0.50mm², bare copper wires (16 wires, max. $\varnothing$ 0.21mm)
conductor arrangement according to EN 60228, class 5

1.1.2 Insulation

PE, type 2YI2 according to EN 50290-2-23,
Shore D 48 $\pm$ 5 according to ISO 48-4,
colour : wh, bu, or.

1.1.3 Stranding

2 cores stranded together,
element 1 : wh, bu, element 2 : wh, or,
lay (approx.) : 40mm.

1.1.4 Wrapping

PETP-foil

1.1.5 Screen

Braid of tinned copper wires $\varnothing$ 0.10mm, optical coverage approx. 85%

1.1.6 Screening

PETP-foil

1.2 CORES 0,75mm²

1.2.1 Conductor

Nominal cross section area 0.75mm² bare Cu wires (23 wires, max. $\varnothing$ 0.21mm),
conductor arrangement according to EN 60228, class 5

1.2.2 Insulation

PVC, type TI2 according to EN 50363-3,
Shore A 90 $\pm$ 5 according to ISO 48-4,
colour : bk with wh number marking according to EN 50334,
measurements according to EN 50214.

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1.2.3 Stranding

each 4 cores stranded together, lay (approx.): 60mm.

1.3 CORE 1.5mm²

1.3.1 Conductor

Nominal cross section area 1.5mm² bare Cu wires (29 wires, max. $\varnothing$ 0.25mm)

conductor arrangement according to EN 60228, class 5

1.3.2 Insulation

PVC, type TI2 according to EN 50363-3,

Shore A 90 $\pm$ 5 according to ISO 48-4,

colour : gnye,

measurements according to EN 50214.

1.4 ARRANGEMENT

The cores and the communication elements are summarized in groups, each group includes a tearing thread.

1.5 PARTING COMPOUND

Special parting compound.

1.6 SHEATH

PVC, type TM2 according to EN 50363-4-1,

Shore A 82 $\pm$ 5 according to ISO 48-4,

colour : bk

2. ELECTRICAL CHARACTERISTICS

2.1 SCREENED PAIRS 0.50mm²

2.1.1 Max. conductor resistance :	40.1 Ω /km at 20°C.
2.1.2 Nominal voltage (50 Hz) :	300/300 V(rms)
2.1.3 Testing voltage (50 Hz) :	core/core : 2.0 kV(rms), core/screen : 800 V(rms).

2.2 ELEMENT 4X0,75mm²

2.2.1 Max. conductor resistance :	26.0 Ω/km at 20°C.
2.2.2 Min. insulation resistance :	0.011 MΩ.km at 70°C.
2.2.3 Nominal voltage (50 Hz) :	300/500 Vrms.
2.2.4 Test voltage (50 Hz) :	2.0 kVrms

2.3 CORE 1.5mm²

2.3.1 Max. conductor resistance :	13.3 Ω/km at 20°C.
2.3.2 Nominal voltage (50 Hz) :	450/750 V(rms).
2.3.3 Testing voltage :	1.5 kV(rms)
2.3.4 Min. insulation resistance :	0.010 MΩ.km at 70°C.

3. PHYSICAL CHARACTERISTICS

3.1 OPERATION TEMPERATURE :	-15°C to + 70°C.
3.2 BENDING RADIUS :	Min. 7-x thickness of flat cable according to EN 50565-1
3.3 FLEXING TEST :	Min. 30.000 bending cycles
3.4 FREE HANGING LENGTH :	Max. 45m (max. lift height 80m).
3.5 LOOP DIAMETER :	350 – 450 mm.
3.6 MAX.LIFT SPEED :	6.3 m/s.
<u>3. WEIGHT</u>	approx. 642 g/m

4. IDENTIFICATION : Imprint „ Geba Cables - PN<117366> - <prod. date> - <metermarking>m.

5. DELIVERY MAKE-UP : On drums E-12 (1200mm flange-ø) with regular-length 1.0km.