



(INT+43 1/ NAF 01)
 TEL 360 20 - 0 / FAX - 1234
 A-1194 VIENNA, P. O. BOX 2

GG-CONSTRUCTION MODEL
 -FOR GUIDANCE PURPOSES ONLY, SPECIFICATIONS ARE SUBJECT TO CHANGE-

X 8351 E2
 GG-STANDARD ISSUE

GERAUER & GRILLER KABELWERKE GMBH
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20 x 0.75 TW Pvs
 Part: 244339.

1. DESIGN DATA

1.1 CORE 0.75mm²:
 1.1.1 Conductor : Nominal cross-section 0.75mm², bare copper wires (23 wires, max. \emptyset 0.21mm), conductor arrangement according to IEC 60228, class 5.
 1.1.2 Insulation : FRLS compound, colour : bk with number marking 1 - 19 according to CENELEC HD 186/S2, point 6, and gnye, whereby the gnye core has no number marking.

1.2 ELEMENT

1.2.1 Conductor : Nominal cross-section 0.50mm², tinned copper wires (16 wires, max. \emptyset 0.21mm), material Cu-ETP1-A017-C according to DIN EN 13602, conductor arrangement according to IEC 60228, class 5.
 1.2.2 Insulation : PE, type 2Y12 according to DIN VDE 0207/part 2, Shore D 48 \pm 5 according to DIN 53505.

1.2.3 Stranding : 2 cores twisted together, lay-length (approx.) : 35mm, colours : Pair 1: wh, bu, Pair 2: wh, or.

1.2.4 Wrapping : plastic-foil.
 1.2.5 Screening : tinned copper wires, \emptyset 0.10mm, material Cu-ETP1-A013-C according to DIN EN 13602, coverage \geq 82%.

1.2.6 Wrapping : plastic-foil.
 1.4 ARRANGEMENT : according to guiding rule EN 50214, point 5.2.3.3 the cores are summarized in groups, each group includes a bearing thread.
 1.5 PARTING COMPOUND : GG special parting compound between core- and sheath-material.
 1.6 SHEATH : FRLS compound, colour : bk, dimensions according to EN 50214.

P o l y f l e x
 Flat, flexible lift cable
 without strain bearing member 300/500V.

Type LEAFL- (NY+V2YCVF) NY-JZ
20X0,75F+2X2X0,5F SW

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2. ELECTRICAL CHARACTERISTICS

2.1 ELEMENT

- 2.1.1 Max. conductor resistance : 40.0 Ω /km at 20°C.
- 2.1.2 Testing voltage (50 Hz) : core/core : 1.5 kV(rms),
 core/screen : 800 V(rms).
- 2.1.3 Insulation resistance : min. 10 $G\Omega$.km at 20°C.
- 2.1.4 Nominal capacitance : 100 pF/m.
- 2.2 CORE 0.75mm²
 - 2.2.1 Max. conductor resistance : 26.0 Ω /km at 20°C.
 - 2.2.2 Min. insulation resistance : 0.011 $M\Omega$.km at 70°C.
 - 2.2.3 Nominal voltage (50 Hz) : 300/500 V(rms).
 - 2.2.4 Testing voltage (50 Hz) : 1.5 kV(rms) according to CENELEC HD 21.2/S2, point 2.2.

3. PHYSICAL CHARACTERISTICS

- 3.1. OPERATING TEMPERATURE : -15°C to +70°C.
- 3.2. BENDING RADIUS : Min. 8 x thickness of cable (small side) according to CENELEC HD 516/S2, table 6.2.
- 3.3. BENDING TEST : Min. 30.000 bending cycles according to EN 50214.
- 3.4. FREE HANGING LENGTH : Max. 45m (max. lift height 80m).
- 3.5. MAX. LIFT SPEED : 10 m/s.

- 4. WEIGHT : approx. 472 g/m.

- 5. IDENTIFICATION : Continuous white marking "Gebaüder&Grilller - LEAFL-(NY+V2YCVF)NY-JZ 20x0,75F+2x2x0,5F - <production date (week/year)> - <metermarking>" on sheath.

- 6. DELIVERY MAKE-UP : On drums E-10 (1000mm flange- \emptyset) with standard length 0.5km,
 sub-lengths allowed.

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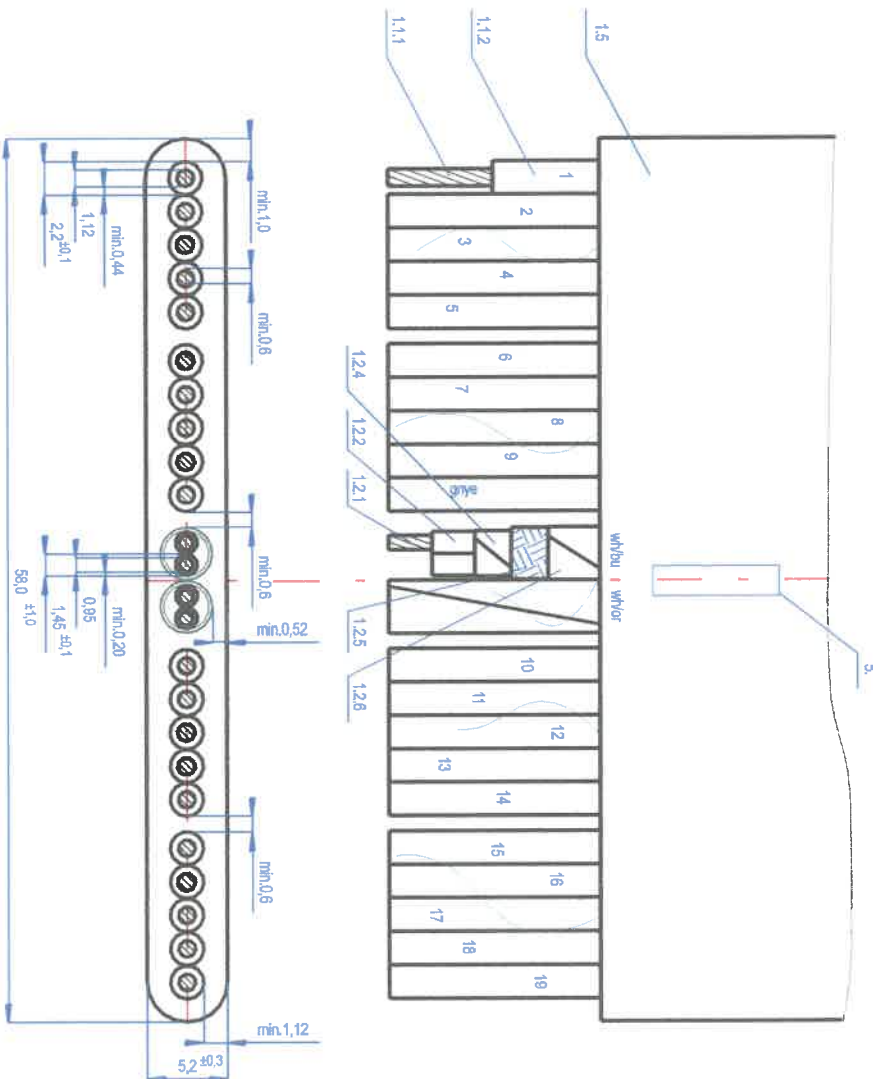
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20X0, 75F+2X2X0, 5F SW

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EXTERNAL SPECIFICATION

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