(INT+43 1/ NAT 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 6931	E2
GG-STANDARD	ISSUE

1. DESIGN DATA

1.1 COAXIAL-ELEMENT:

- **1.2.1 Conductor** : Nominal cross-sectional area 0.22mm², bare copper wires (7 wires, ø 0.20mm), material Cu-ETP1-A019-P according to DIN EN 13602, conductor arrangement according to IEC 228, class 5.
- **1.2.2 Insulation** : PE, type 2YI2 according to DIN VDE 0207/part 2, Shore D 48 ± 5 according to DIN 53505.
- **1.2.3 Braid screen** : Braid of bare copper wires, ø 0.12mm, material Cu-ETP-A015-P according to DIN EN 13602, optical coverage ≥ 80%.
- **1.2.4 Sheath** : FRNC, Shore D 31 according to DIN 53505, colour : bk.

1.2 SCREENED PAIRS 0.75mm²:

- **1.2.1 Conductor** : Nominal cross-sectional area 0.75mm², bare copper wires (24 wires, ø 0.20mm), material and conductor arrangement according to CENELEC HD 383, fine strand, class 5.
- **1.2.2 Insulation** : FRNC, Shore D 40 according to DIN 53505, colours : bk with wh number marking (numbers 1-8) according to CENELEC HD 186/S2, pt. 6.
- **1.3.3 Stranding** : each 2 cores and a filler in each gusset stranded together, lay (approx.) : 50mm.
- **1.3.4 Wrapping** : PETP-foil.
- **1.3.5 Earth Conductor** : Nominal cross-sectional area 0.34mm², tinned copper wires, (7 wires, max. ø 0.26mm), material Cu-ETP1-A017-C according to DIN EN 13602.
- **1.3.6 Foil screen** : Al-PETP-foil, Al inside.
- **1.3.7 Wrapping** : Fleece.

1.3 ARRANGEMENT : see drawing, each group includes a tearing thread.

1.4 PARTING COMPOUND : GG-special parting compound.

1.5 SHEATH : FRNC, Shore D 31 according to DIN 53505, colour : bk.

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

Type LEAFL-(NYAF+2YCNY)NY-OZ 4(2x0,75F)+KX

GG-PART No.	DESIGNED	CHECKED	DATE	EXTERNAL SPECIFICATION	PAGE
124713	STRASSER	MANDL	25.08.11	-	1 of 2

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X 6931 GG-STANDARD | **E2** ISSUE

2. ELECTRICAL CHARACTERISTICS

2.1 SCREENED PAIRS 0.75mm²

- 2.1.1 Max. conductor resistance : 26.0 Ω/km at 20°C.
- 2.1.2 Nominal voltage (50 Hz) : 300/500 V(rms).
- 2.1.3 Testing voltage (50 Hz) : 2 kV_{eff}.

2.2 COAXIAL ELEMENT

- 2.2.1 Max. conductor resistance : 88 Ω/km at 20°C.
- 2.2.2 Testing voltage (50 Hz) : 2 kV_{eff}.
- 2.2.3 Impedance : nom. 75 Ω.
- 2.2.4 Attenuation : nom. 3.6 dB/100m at 10MHz.
- 2.2.5 Capacitance : nom. 67 pF/m.

3. PHYSICAL CHARACTERSISTICS

3.1 OPERATING TEMPERATURE : -20°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.

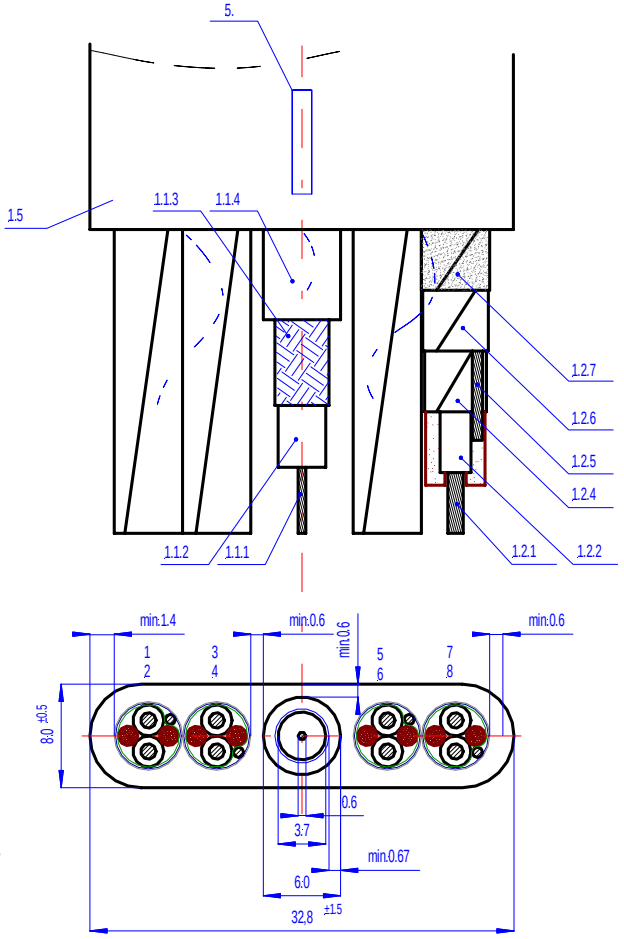
3.4 FREE HANGING LENGTH : Max. 45m (max. lift height 80m).

3.5 MAX. LIFT SPEED : 2.0 m/s.

4. WEIGHT : approx. 318 g/m.

5. IDENTIFICATION : imprint according to customers order.

6. DELIVERY MAKE-UP : On drums EW-12 (1200mm flange-ø) with regular-length 1000m.



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124713	STRASSER	MANDL	25.08.11	-	2 of 2