



(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 7247

GG-STANDARD

E1

ISSUE

1. DESIGN DATA

1.1 COAXIAL-ELEMENT:

- 1.1.1 **Conductor** : Nominal cross-section area 0.22mm^2 , bare copper wires (7 wires, $\varnothing 0.20\text{mm}$), material Cu-ETP1-A017-C according to DIN EN 13602, conductor arrangement according to IEC 228, class 5.
- 1.1.2 **Insulation** : PE, type 2YI2 according to DIN VDE 0207/part 2, Shore D 48 ± 5 according to DIN 53505.
- 1.1.3 **Braid screen** : Braid of bare copper wires, $\varnothing 0.12\text{mm}$, material Cu-ETP-A015-P according to DIN EN 13602, optical coverage $\geq 85\%$.
- 1.1.4 **Sheath** : PVC, type TM2 according to CENELEC HD 21.1/S3, table 2, Shore A 82 ± 5 according to DIN 53505, colour : bk.

1.2 SCREENED PAIRS 0.75mm^2 :

- 1.2.1 **Conductor** : Nominal cross sectional area 0.75mm^2 , bare copper wires (24 wires, $\varnothing 0.20\text{mm}$), material and conductor arrangement according to CENELEC HD 383, fine strand, class 5.
- 1.2.2 **Insulation** : PVC, type YI2 according to DIN VDE 0207 part 4, Shore A 82 ± 5 according to DIN 53505, colours : bk with wh number marking (numbers 5-12) according to CENELEC HD 186/S2, pt. 6.
- 1.2.3 **Stranding** : each 2 cores and a filler in each gusset stranded together, lay (approx.) : 50mm.
- 1.2.4 **Wrapping** : PETP-foil.
- 1.2.5 **Earth Conductor** : Nominal cross sectiona area 0.34mm^2 , tinned copper wires, (7 wires, max. $\varnothing 0.26\text{mm}$), material Cu-ETP1-A017-C according to DIN EN 13602.
- 1.2.6 **Foil screen** : Al-PETP-foil, Al inside.
- 1.2.7 **Wrapping** : Fleece.

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

1.4 **PARTING COMPOUND** : GG-special parting compound.

1.5 **SHEATH** : PVC, type TM2 according to CENELEC HD 21.1/S3, table 2, Shore A 82 ± 5 according to DIN 53505, colour : bk. testing according to CENELEC HD 21.1/S3.

P o l y f l e x

Flat PVC-sheathed, flexible lift cable without strain bearing member 300/500V.

Type LEAFL- (YAF+V2YCY) Y-OZ

4 (2x0, 75F) +KX

GG-PART No.	DESIGNED	CHECKED	DATE	EXTERNAL SPECIFICATION	PAGE
124672	STRASSER	MANDL	03.07.2012	-	1 of 3



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2. ELECTRICAL CHARACTERISTICS

2.1 SCREENED PAIRS 0.75mm²

- 2.1.1 Max. conductor resistance : 24.9 Ω /km at 20°C.
2.1.2 Nominal voltage (50 Hz) : 300/500 V(rms).
2.1.3 Min. Insulation resistance: 0.010 M Ω .km at 70°C.

2.2 COAXIAL ELEMENT

- 2.2.1 Max. conductor resistance : 88 Ω /km at 20°C.
2.2.2 Testing voltage (50 Hz) : 4.2 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 CHARACTERISTICS

- 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. 351 g/m.

5. IDENTIFICATION : wh imprint "PC009 PVC - PEW - 0870 600 6503 - <metermarking>m"
on sheath.

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

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124672	STRASSER	MANDL	03.07.2012	-	2 of 3



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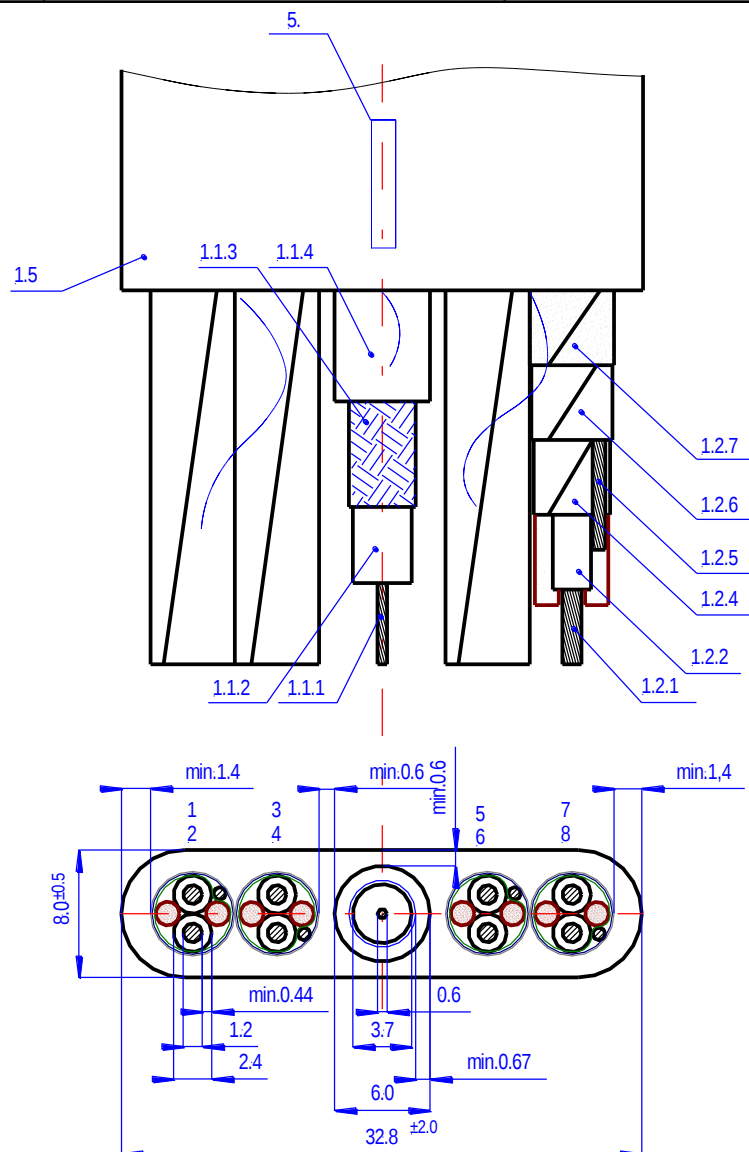
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EXTERNAL SPECIFICATION
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PAGE
3 of 3