



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

GG - DATA SHEET
 - IN DOUBT, THE GERMAN ORIGINAL GOVERNS THIS TRANSLATION -

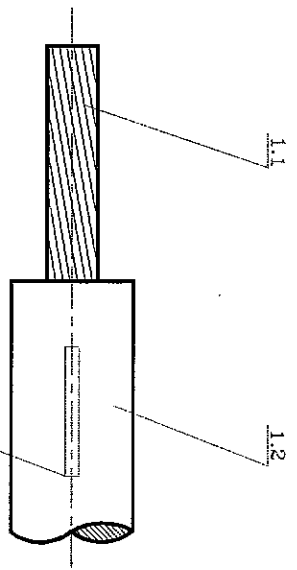
K 4058
 GG-STANDARD
E8
 ISSUE

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1. DESIGN DATA

1.1 CONDUCTOR : Bare copper wires, material Cu-ETP1-A019-P according to DIN EN 13602,
 for single wire- \emptyset to max. 0,32mm,
 material Cu-ETP1-A020-P according to DIN EN 13602,
 for single wire- \emptyset over 0,32mm,
 tinned copper wires, material Cu-ETP1-A017-C according to DIN EN 13602,
 for single wire- \emptyset to max. 0,32mm,
 table 1 : symmetrical conductor construction,
 in type name "-A" after cross-section.
 table 2 : unsymmetrical conductor construction,
 in type name "-B" after cross-section.

1.2 INSULATION : XPE,
 single-, and double coloured in all usual colours,
 kind of colour marking according to DIN 47002,
 measurements according to LV 112,
 requirements according to LV 112, class C.



2. CHARACTERISTICS

2.1 TEST : requirements according to LV 112.
2.2 OPERATION TEMPERATURE : -40°C to +125°C / 3000h.

3. IDENTIFICATION : Manufacturer's name printed on insulation (distance \leq 200mm).

4. DELIVERY MAKE-UP : see table.

P o l y f i l e x
 Table 1-core XPE-cables with
 reduced wall-thickness.
Typ FLR2X . . . - . . .

GG-PART NO. -	DESIGNED STRASSER	CHECKED HOCHLEITHNER	DATE 10.06.11	EXTERNAL SPECIFICATION LV 112	PAGE 1 of 3
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1-CORE XPE-CABLES WITH REDUCED WALL-THICKNESS AND UNSYMMETRICAL CONDUCTOR CONSTRUCTION, TYPE FLR2X ...-B

NOMINAL-CROSS-SECTION AREA [mm ²]	EINZEILDRAHT		CONDUCTOR		C A B L E				DELIVERY		GG-PART No.			
	MAX. DIA-METER	MAX. DIA-METER	MAX. RESISTANCE at 20°C bare / tinned [Ohm/km]	WALL THICKNESS OF INSULATION nom. min. [mm]	MAX. DIAMETER /-TOLERANCE [mm]	TEST-VOLTAGE [kVeff]	WEIGHT (ca.) [g/m]	DELIVERY-MAKE-UP	REGULAR-LENGTH [km]	bare	tinned			
0.75	24	0.21	1.2	24.7	25.4	0.30	0.24	1.9 / -0.2	5.0	8.7	NPS	9.0	22 985	34 290
1.0	32	0.21	1.35	18.5	19.1	0.30	0.24	2.1 / -0.2	5.0	11	NPS	7.5	18 797	34 298
1.5	30	0.26	1.7	12.7	13.0	0.30	0.24	2.4 / -0.2	5.0	16	NPS	5.5	22 990	34 301
2.5	50	0.26	2.2	7.6	7.8	0.35	0.28	3.0 / -0.3	5.0	26	NPS	3.2	18 855	34 305
4.0	56	0.31	2.75	4.7	4.8	0.40	0.32	3.7 / -0.3	5.0	42	NPS	2.3	22 999	34 323
6.0	84	0.31	3.3	3.1	3.2	0.40	0.32	4.3 / -0.3	5.0	61	NPS	1.8	23 013	34 325

Notation example : FLR2X 0.5-B.

P o l y f i l e x
 Table 1-core XPE-cables with
 reduced wall-thickness.
Typ FLR2X ...-...

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