

# JZ 500-FC-PUR EMC-preferred type, tear and coolant resistant, screened, without inner sheath, meter marking



## 기술사양

- 1.5mm<sup>2</sup> 까지 DIN VDE 0245 part 201  
2.5mm<sup>2</sup> 부터 DIN VDE 0245 part 102의 특수 PUR 케이블
- 온도범위  
이송시 -5°C ~ +80°C  
고정 설치시 -40°C ~ +80°C
- 정격전압 U<sub>0</sub>/U 300/500 V
- 시험전압 3000 V
- 절연파괴 전압 최소 6000 V
- 절연저항  
최소 20 MOhm x km  
최소 곡률 반경  
이송시 10 × cable ø  
고정 설치시 5 × cable ø
- 내 방사선 성능  
최대 100×10<sup>6</sup> cJ/kg(최대 100Mrad)
- 결합저항  
최대 250 Ohm/km

## 케이블 구조

- 미세동선 집합 연선, DIN VDE 0295 cl.5, BS 6360 cl.5 and/or ICE 60228 cl.5
- 특수 PVC 코어 절연 T12, according to DIN VDE 0281 part 1
- 흑색 코어 외피에 백색 연속 번호 DIN VDE 0293
- 바깥층 3코어 이상에 황-녹색 접지선
- 코어 최적 피치로 적층 연선
- 분리 포일
- 주석도금 편조 실드, 실드율 85%
- 특수 full-폴리우레탄 회색 외피, TPU to DIN VDE 0282 Part 1Q, Appendix A
- 다른 색상의 외피도 생산 가능

## 특징

- 저항  
UV, 산소, 오존과 가수분해
- 자체소화성 및 난연성  
DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1(Conforms to DIN VDE 0472 Part 804 Test method B)
- 사용재질은 카드뮴, 실리콘등이 없는 무독성 소재로 락커의 습윤 특성을 저해하는 물질 없음

## 용도

- 매우 견고한 컨트롤 케이블로서 마찰이나 찢김등의 저항이 있음. 기계나 장치, 플랜트 뿐만아니라 제철소등과 같이 어렵고 문제가 많은 지역에 적합. 매우 유연해서 빠른설치가 가능. 실드율이 높아 신호와 펄스를 혼선없이 전송함.
- EMC = Electromagnetic compatibility
- CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG

Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
23414	2 x 0,5	5,3	35,0	47,0	20	23429	2 x 0,75	5,8	40,0	60,0	18
23416	3 x 0,5	5,6	42,0	57,0	20	23431	3 x 0,75	6,1	52,0	67,0	18
23415	3 G 0,5	5,6	42,0	57,0	20	23430	3 G 0,75	6,1	52,0	67,0	18
23417	4 G 0,5	6,2	47,0	60,0	20	23432	4 G 0,75	6,5	60,0	76,0	18
23418	4 x 0,5	6,2	47,0	60,0	20	23433	4 x 0,75	6,5	60,0	76,0	18
23420	5 x 0,5	6,5	56,0	75,0	20	23435	5 x 0,75	7,1	71,0	92,0	18
23419	5 G 0,5	6,5	56,0	75,0	20	23434	5 G 0,75	7,1	71,0	92,0	18
23421	7 G 0,5	7,5	69,0	97,0	20	23436	7 G 0,75	8,3	91,0	131,0	18
23422	7 x 0,5	7,5	69,0	97,0	20	23437	7 x 0,75	8,3	91,0	131,0	18
23423	10 G 0,5	9,0	94,0	133,0	20	23438	10 G 0,75	10,1	137,0	180,0	18
23424	12 G 0,5	9,2	108,0	158,0	20	23439	12 G 0,75	10,3	142,0	204,0	18
23425	18 G 0,5	10,9	145,0	218,0	20	23440	18 G 0,75	12,1	212,0	290,0	18
23426	25 G 0,5	13,3	240,0	315,0	20	23441	25 G 0,75	14,9	281,0	413,0	18
23427	34 G 0,5	15,0	312,0	420,0	20	23442	34 G 0,75	16,6	345,0	492,0	18
23428	42 G 0,5	16,2	355,0	487,0	20	23443	42 G 0,75	17,9	407,0	624,0	18

Dimensions and specifications may be changed without prior notice. (RA02)

Continuation ▶

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Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.	Part No.	No. cores x cross-sec. mm <sup>2</sup>	Outer ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
23444	2 x 1	6,1	50,0	66,0	17	23473	2 x 2,5	8,2	96,0	131,0	14
23445	3 G 1	6,3	60,0	82,0	17	23474	3 G 2,5	8,6	144,0	168,0	14
23446	3 x 1	6,3	60,0	82,0	17	23475	4 G 2,5	9,6	148,0	194,0	14
23448	4 x 1	6,9	71,0	100,0	17	23476	5 G 2,5	10,6	181,0	222,0	14
23447	4 G 1	6,9	71,0	100,0	17	23477	7 G 2,5	12,6	255,0	345,0	14
23450	5 x 1	7,5	88,0	128,0	17	23478	12 G 2,5	15,5	441,0	570,0	14
23449	5 G 1	7,5	88,0	128,0	17	23479	4 G 4	11,0	230,0	310,0	12
23452	7 x 1	8,9	111,0	157,0	17	23480	5 G 4	12,3	273,0	386,0	12
23451	7 G 1	8,9	111,0	157,0	17	23481	7 G 4	13,6	316,0	498,0	12
23453	10 G 1	10,7	150,0	230,0	17	23482	4 G 6	13,3	305,0	414,0	10
23454	12 G 1	10,9	184,0	262,0	17	23483	5 G 6	14,9	439,0	510,0	10
23455	18 G 1	13,0	260,0	381,0	17	23484	7 G 6	16,3	505,0	673,0	10
23456	25 G 1	15,9	349,0	535,0	17	23485	4 G 10	17,8	535,0	591,0	8
23457	34 G 1	17,9	486,0	740,0	17	23486	5 G 10	19,6	592,0	768,0	8
23458	42 G 1	19,3	545,0	867,0	17	23487	7 G 10	21,6	810,0	976,0	8
23459	50 G 1	21,2	625,0	1027,0	17	23488	4 G 16	20,8	740,0	1196,0	6
23460	2 x 1,5	6,6	63,0	87,0	16						
23462	3 x 1,5	6,9	80,0	102,0	16						
23461	3 G 1,5	6,9	80,0	102,0	16						
23464	4 x 1,5	7,5	97,0	127,0	16						
23463	4 G 1,5	7,5	97,0	127,0	16						
23466	5 x 1,5	8,4	119,0	159,0	16						
23465	5 G 1,5	8,4	119,0	159,0	16						
23468	7 x 1,5	10,0	147,0	207,0	16						
23467	7 G 1,5	10,0	147,0	207,0	16						
23469	12 G 1,5	12,1	267,0	340,0	16						
23470	18 G 1,5	14,6	374,0	480,0	16						
23471	25 G 1,5	17,9	526,0	704,0	16						
23472	30 G 1,5	18,2	555,0	817,0	16						

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The screenshot shows the HELUKABEL website interface. At the top, there is a navigation menu with links for 'Download centre', 'Logistic centre', 'Company', 'Products', 'Quality', 'News', 'Contact', 'Service', 'Opinion', and 'Imprint'. A search bar is located on the right. Below the menu, a breadcrumb trail reads 'You are here: Home > Service > Catalogue request'. The main content area features a 'Service' sidebar with a 'Catalogue Request' section. The 'Catalogue Request' section contains text: 'We constantly revise our range of catalogues, brochures and flyers or download them immediately as pdf-documents.' and 'The ordering process is fast: Tick the order button 'add to Shopping Cart' of the requested catalogue. You can also order other items, proceed to a different main category or go directly to your Shopping Cart. All chosen catalogues, brochures and flyers can be viewed in the Shopping Cart and the quantity of titles can be...'. A 'Service' sidebar lists options like 'Helis', 'Metal quotes', 'Download centre', 'Certificate of compliance', 'Catalogue request', 'HELU - Newsletter', and 'ONLINE - inquiry'. A 'HELUKABEL world-wide' section with a world map is also visible.

### Catalogue, brochure and flyer requests

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