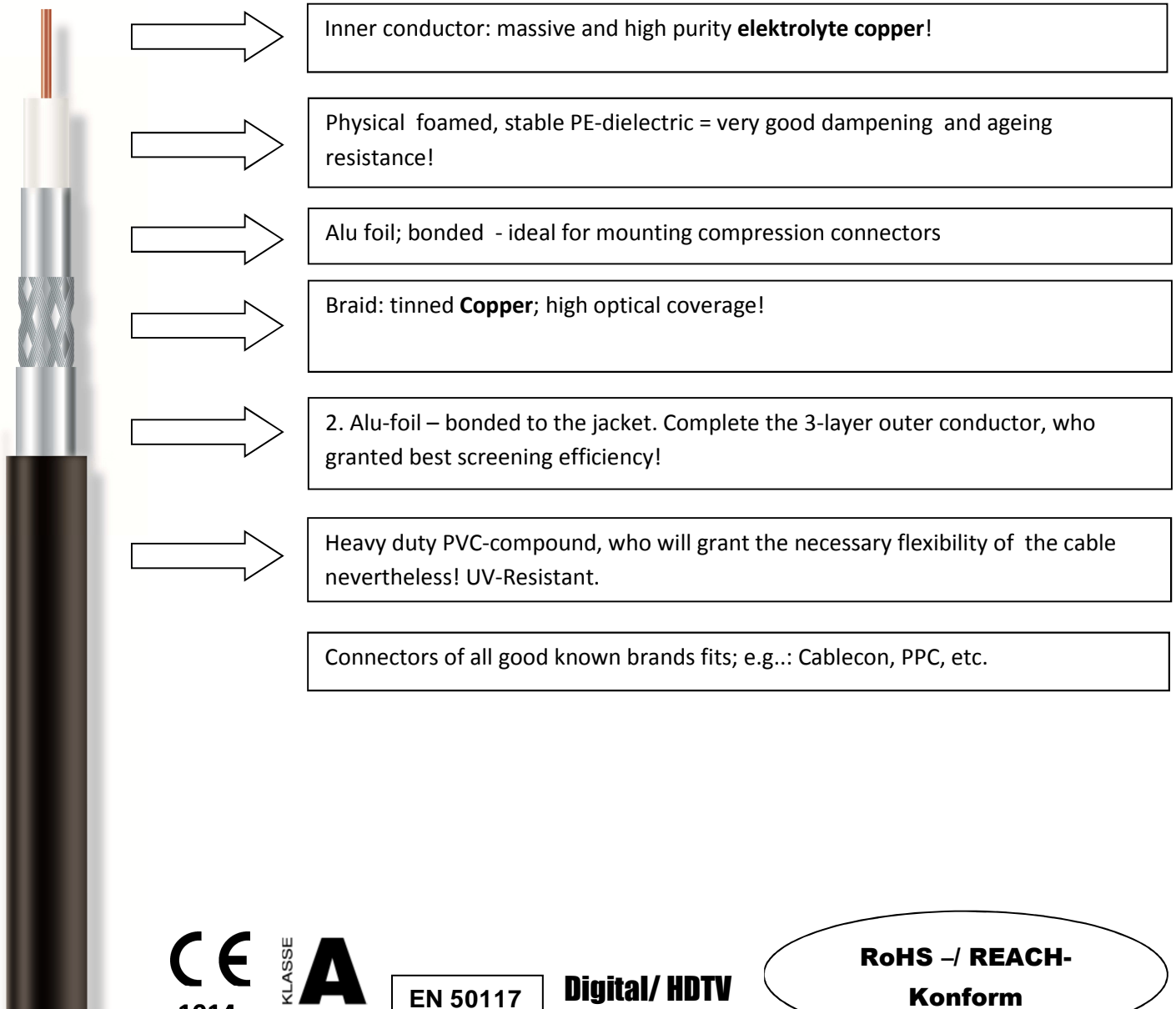


75100 AKZ A+ IN-/OUTDOOR Eca

SAT/CA-TV HIGH IN-/OUTDOOR CABLE UV-RESISTANT

Series RG 6 - (1.0/4.6) 3-S - 75 OHMS

This high-quality cable was specially designed for professional use. Special emphasis was placed on high ease of installation in connection with first-class electrical and mechanical properties. The "75100 AKZ A + In / -Outdoor" is particularly suitable for earth / outdoor installation; but can also be installed in the house. This offers the advantage that the cable can be laid continuously in the transition. For underground installation, we recommend additional mechanical protection.



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CLASS

EN 50117

Digital/ HDTV

**RoHS –/ REACH-
Konform**

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Series RG 6 - (1.0/4.6) 3-S - 75 OHMS

DATA SHEET

BUILDING:	
Inner conductor	1,0 mm CU
Insulation	4,65 mm Cell-PE +/- 0,1
Outer conductor	
a)	Alu foil bonded
b)	Braid copper tinned
c)	Alu foil bonded
d)	
Jacket	6,8 mm PVC black +/- 0,2
Electrical properties:	
Characteristic impedance	75 Ohms +/- 3
Capacity (pF/m)	55
Velocity of propagation (v/c)	0,85
Attenuation by 20°C (dB 100m)	
5 MHz - 0,48	450 MHz - 13,7
10 MHz - 2,20	800 MHz - 18,5
30 MHz - 3,1	1000 MHz - 20,5
50 MHz - 4,1	1350 MHz - 23,0
100 MHz - 6,1	1750 MHz - 25,6
200 MHz - 8,7	2050 MHz - 29,4
300 MHz - 9,6	2400 MHz - 31,9
Screening efficiency (dB)	30 – 2000 MHz > 120 2000 – 3000 MHz > 113
Return loss (dB)	30 – 470 MHz > 28 470 – 1000 MHz > 27 1000 – 2000 MHz > 25 2000 – 3000 MHz > 20
Transfer impedance (mOhm/m)	5,0 MHz < 0,7 30,0 MHz < 0,15
Mechanical properties:	
Minimum bending radius	50 mm
Weight kg/km	+/- 48
Copper weight kg/km	+/- 17
Fire Protection Class:	Eca according CPR EN50575:2014
Suitable F-compression connectors	
Cablecon	F-56 CX3 4.9, High End 4.9