

COPPER!

**RoHS
CONFORM**

EN 50117

Digital/ HDTV

KLASSE
A
CLASS



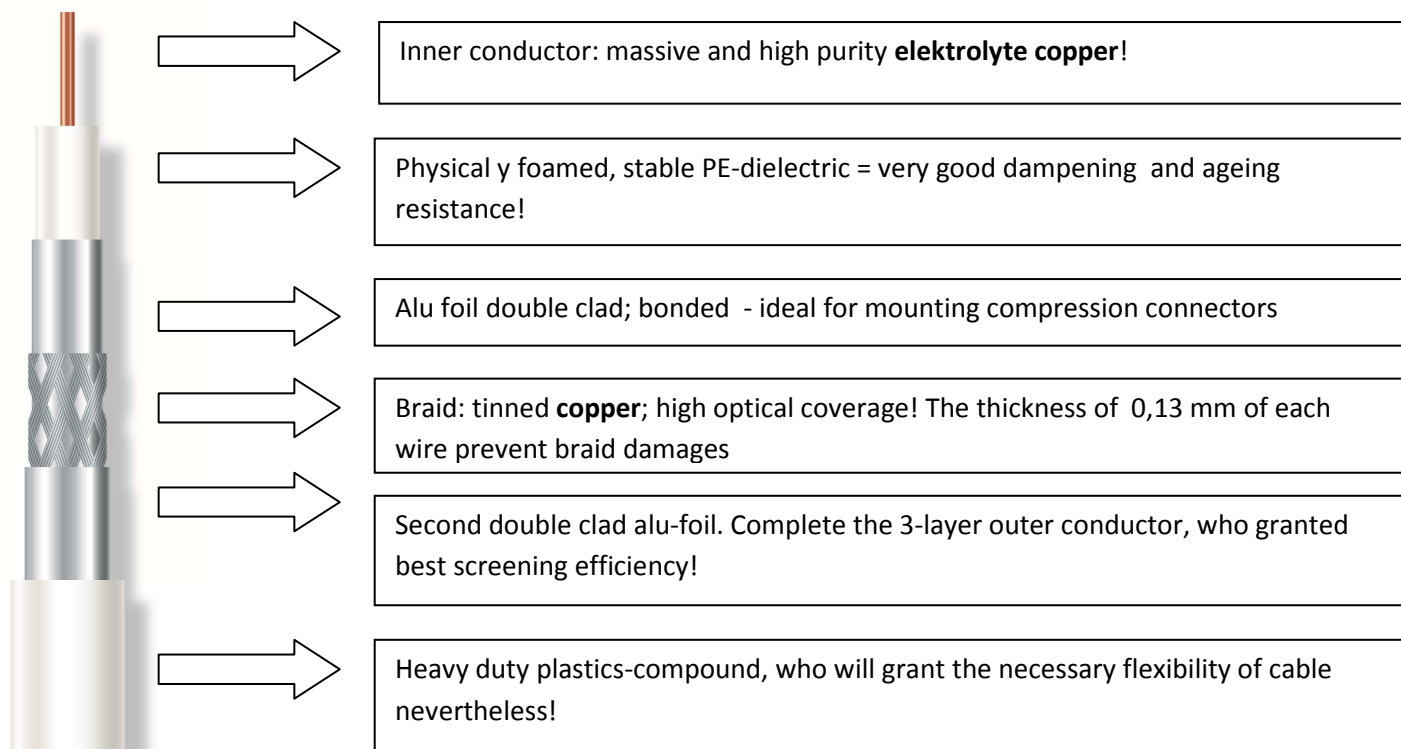
75065 AKZ 3-S Mini (0.7/2.9)- 100 dB **75080 AKZ 3-S** RG 59 (0.8/3.6) -90 dB **75100 AKZ 3-S*** RG 6 (1.0/4.6) -115 dB **75160 AKZ 3-S** RG 11 (1.6/7.3)100 dB

Construction:	0.65 mm Copper	0.8 mm copper	1.0 mm Copper	1.6 mm Copper
Inner conductor	0.65 mm Copper	0.8 mm copper	1.0 mm Copper	1.6 mm Copper
Insulation	2.9 mm Cell PE +/- 0.1	3.6 mm Cell PE +/- 0.1	4.6 mm Cell PE +/- 0.1	7.3 mm Cell PE +/- 0.1
Outer conductor				
a) Double clad alu foil	bonded	bonded	bonded	bonded
b) Copper braid tinned aprx.	65%	60%	65%	55%
c) Double clad alu foil	√	√	√	√
Jacket	4.6 mm PVC +/- 0.2	5.6 mm PVC +/- 0.2	6.8 mm PVC +/- 0.2	10.3 mm PE +/- 0.2
Electrical properties:				
Impedance (Ω)	75 +/-3	75 +/-3	75 +/-3	75 +/-3
Capacity (pF/m)	55	55	55	55
Velocity (v/c)	0,85	0,85	0,85	0,81
Attenuation at 20°C (dB 100m)				
100 MHz	8,8	7,2	6,69	4,1
200 MHz	15,1	11,8	9,30	6,9
450 MHz	21,2	17,8	14,1	9,6
800 MHz	28,0	24,6	18,4	12,6
1000 MHz	31,0	28,7	22,2	14,8
1350 MHz	36,9	33,2	25,0	18,3
1750 MHz	42,5	38,6	29,6	21,1
2050 MHz	46,3	42,9	33,3	23,9
2400 MHz	51,9	47,3	36,0	27,1
Shield dampening (dB)				
30 - 1000 MHz	>100	>90	>120	>100
1000 - 3000 MHz	>95	>85	>115	>95
Return loss (dB)				
30 - 470 MHz	>25	>22	>30	>23
470 - 1000 MHz	>22	>22	>29	>21
1000 - 2000 MHz	>17	>20	>27	>20
2000 - 3000 MHz	>14	>19	>20	>19
Coupling resistance (mΩ/m)				
5 MHz	<3,5	<5,0	<4,5	<3,0
30 MHz	<0,1	<0,2	<0,5	<0,1
Mechanical properties:				
Minimum bending radius (mm)	45	50	50	110
Cable weight (kg/km)	+/- 30	+/- 41	+/- 46	+/-101
Copper weight kg/km	+/- 9	+/- 15	+/- 17	+/- 39
Suitable F-compression connectors	PPC CMP MC 32 pink	Cabelcon CX3 3.9	Cabelcon CX3 4.9	Cabelcon EX 11

SAT/CATV HIGHPERFORMANCE-COXIALCABLE

AKZ 3-S SERIES – 75 Ohm

These high class cables are especially developed for professional use. Thereby we attached importance on a very good handling in conjunction with first class electrical and mechanical properties. With the *professional series* we can offer the right product for each application.



***In part accredited and listed by:**

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