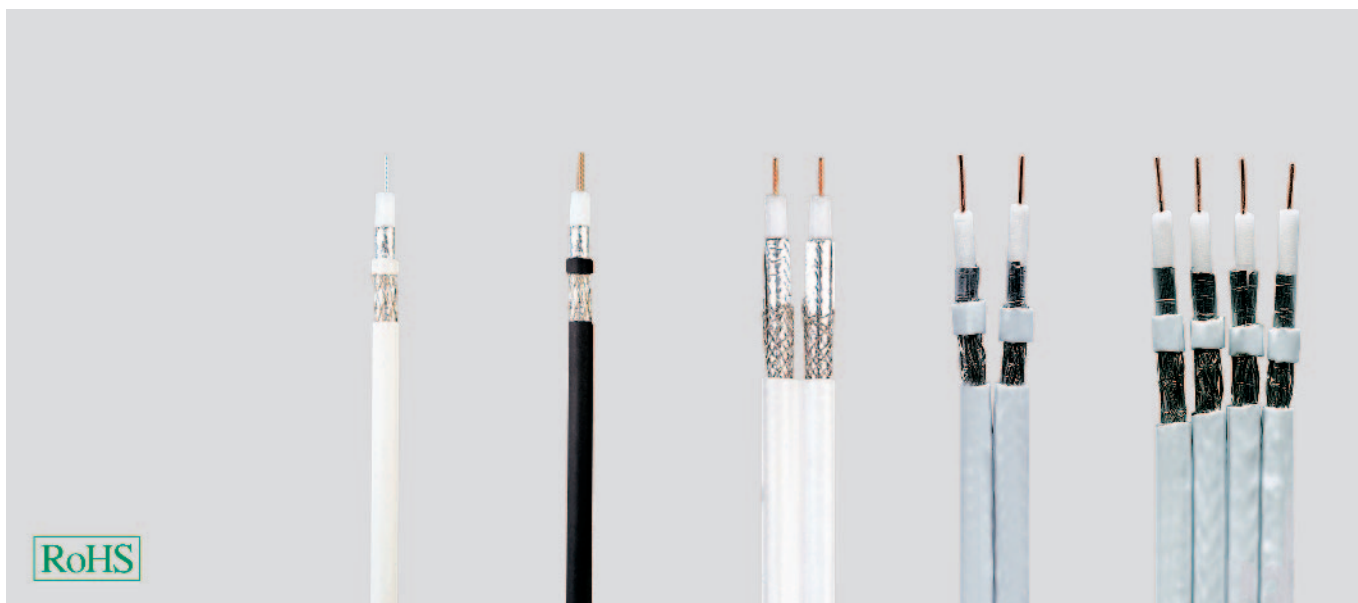


# SAT-Coaxial Cables up to 2150 MHz, for satellite-receivers, double screened



Type Part No.	1.1/5.0 ALG 40150	1.65/7.2 ALG 40151	SAT-MINI 1 40159	DUO 2x0.7/2.9 40168	QUADRO 4x0.7/2.9 40169
<b>Cable structure</b>					
Inner conductor ø mm	1,1 Tinned copper	1,60 Copper, bare	0,8 Copper, bare	0,65 Copper, bare	0,65 Copper, bare
Insulation ø mm	5,0 Cell PE	7,2 Cell PE	3,5 Cell PE	3,0 Cell PE	3,0 Cell PE
Colours					
Outer conductor	Polyester foil coated with aluminium on both sides Braid	Polyester foil coated with aluminium on both sides Braid	Polyester foil coated with aluminium on both sides Braid	Polyester foil coated with aluminium on both sides Braid	Polyester foil coated with aluminium on both sides Braid
Outer jacket	PVC	PE	PVC	PVC	PVC
Colour	white	black	white	white	white
Approx. outer ø mm	6,8	10,1	5,4 x 10,8	8,6 x 4,3	20,0 x 4,3
Bending radius ca. mm	40	60	40	35	80
Approx. weight kg/km	49	81	62	40	82
<b>Electrical characteristics</b>					
<b>Impedance (Ohm)</b>	<b>75 ± 3</b>	<b>75 ± 3</b>	<b>75 ± 3</b>	<b>75 ± 3</b>	<b>75 ± 3</b>
Approx. capacitance pF/m	55,0	55,0	55,0	55,0	55,0
Propagation velocity v/c	0,82	0,82	0,82	0,8	0,8
Attenuation at 20°C (dB/100m)					
100 MHz	5,0	3,7	8,0	8,9	8,9
200 MHz	7,3	5,1	11,5	13,5	13,5
500 MHz	13,0	9,0	18,5	22,0	22,0
800 MHz	17,2	11,8	23,5	28,0	28,0
950 MHz	19,5	13,6	25,5	31,5	31,5
1350 MHz	23,5	16,8	31,0	37,0	37,0
1750 MHz	27,6	19,7	35,5	42,3	42,3
2050 MHz	30,0	22,0	39,5	45,9	45,9
2150 MHz	31,0	22,5	43,0	50,4	50,4
Structural return loss min. (dB) between					
30 and 300 MHz	28	31	27	20	20
300 and 600 MHz	28	30	25	17	18
600 and 960 MHz	26	30	20	17	15
960 and 2050 MHz	24	28	20	0	0
<b>Direct-current resistance at 20°C</b>					
Inner conductor max. Ohm/km	18,0	9,0	36,0	110,0	52,0
Outer conductor max. Ohm/km	20,0	12,0	28,0	22,0	26,0
Max. nominal voltage (V)	-	-	-	-	-
<b>Screening efficiency (dB)</b>					
50 and 100 MHz ≥	75	80	78	75	75
100 and 500 MHz ≥	75	85	78	75	75
500 and 1000 MHz ≥	75	85	75	75	75
1000 and 2050 MHz ≥	75	78	75	75	75
<b>Post office approved</b>					
	G670010A	G622016B	-	-	-

Dimensions and specifications may be changed without prior notice.

## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- AL**=Aluminium, **ALPR**=Polyesterfoil coated with Aluminium on both sides  
**Cu**=Copper, **CuW**=Copperweld, **F**=Foil, **G**=Braid, **PE**=Polyethylene, **PEH**=Polyethylene air-space insulation, **PVC**=Polyvinylchloride, **vz**=tinned