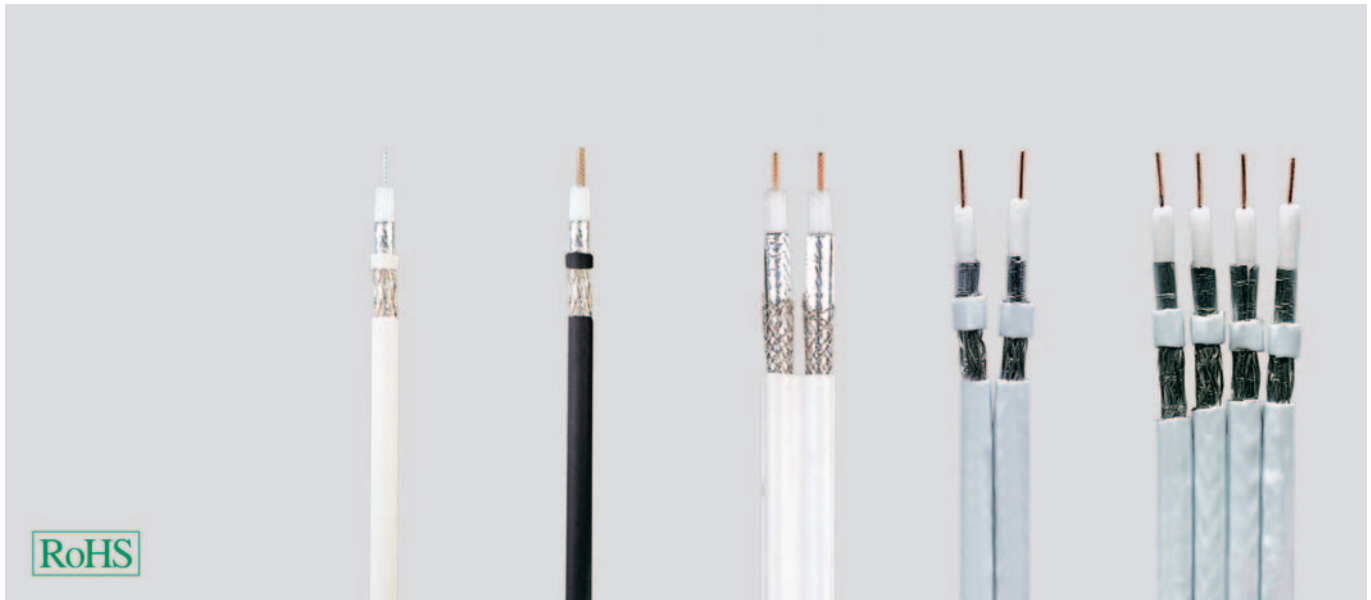


SAT-Coaxial Cables up to 2150 MHz, for satellite-receivers, double screened



Type	1,1/4,8	1.65/7.2 ALG	SAT-MINI 1	DUO 2x0.7/2.9	QUADRO 4x0.7/2.9
Part no.	40150	40151	40159	40168	40169
Cable structure					
Inner conductor diameter mm	1,1 Tinned copper	1,6 Copper, bare	0,8 Copper, bare	0,65 Copper, bare	0,6 Copper, bare
Insulation Ø mm	5 Cell PE	7,2 Cell PE	3,5 Cell PE	3 Cell PE	3 Cell PE
Core 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 sheath	PVC	PE	PVC	PVC	PVC
Sheath colour	white	black	white	white	white
Outer Ø approx. mm	6,8	10,1	5,4 x 10,8	8,6 x 4,3	20,0 x 4,3
Min. bending radius approx. mm	50	60	40	35	80
Weight approx. kg / km	49	81	62	40	82
Electrical characteristics					
Impedance (Ohm)	75 ± 3	75 ± 3	75 ± 3	75 ± 3	75 ± 3
Capacitance pF/m	55	55	55	55	55
Propagation velocity v/c	0,8	0,82	0,82	0,8	0,8
Attenuation at 20°C (db/100m)					
100 MHz	5	3,7	8	8,9	8,9
200 MHz	7,3	5,1	11,5	13,5	13,5
500 MHz	13	9	18,5	22	22
800 MHz	17,2	11,8	23,5	28	28
950 MHz	19,5	13,6	25,5	31,5	31,5
1350 MHz	23,5	16,8	31	37	37
1750 MHz	27,6	19,7	35,5	42,3	42,3
2050 MHz	30	22	39,5	45,9	45,9
2150 MHz	31	22,5	43	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	-	-
DC resistance at 20°C					
Inner conductor max. Ohm/km	18	9	36	110	52
Outer conductor max. Ohm/km	20	12	28	22	26
Max. nominal voltage (V)	-	-	-	-	-
Screening efficiency (dB)					
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
Post office approved					
	G670010A	G622016B	-	-	-
Copper weight kg/km	21,0	35,0	30,0	16,0	50,0

Dimensions and specifications may be changed without prior notice. (RM01)

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