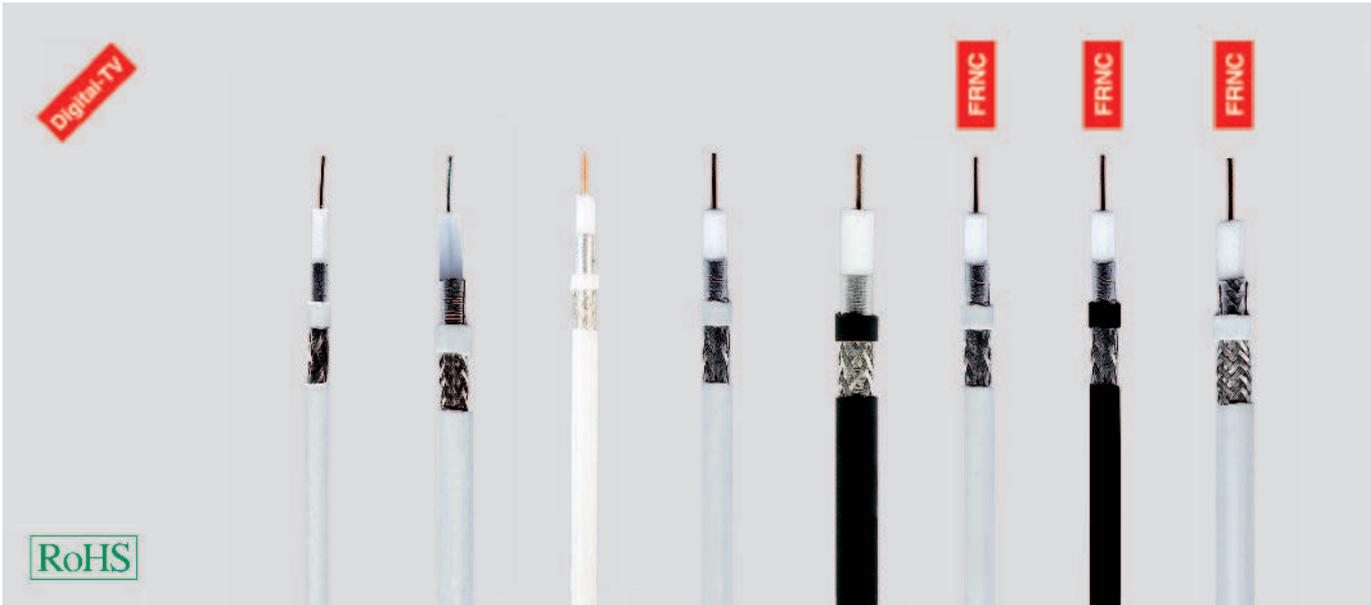


SAT-Coaxial Cables for digital-tv, screening efficiency >90dB / >95dB, for satellite-receivers, double screened



used as Type	inner 0,7/2,9	inner/outer 0,7/4,5	inner/outer 0,8/3,5	inner 1,1/5,0	Underground 1,6/7,0	inner 1,1/5,0 FRNC	inner/outer 1,1/5,0 FRNC	inner 1,6/7,0 FRNC
Part No.	40015	40016	40085	40017	40018	40019	40021	40020
Cable structure								
Inner conductor ø mm	0,65 Copper, bare	0,75 Tinned copper	0,8 Copper, bare	1,13 Copper, bare	1,63 Copper, bare	1,13 Copper, bare	1,13 Copper, bare	1,63 Copper, bare
Insulation ø mm	3,0 Polyethylene, foamed	4,5 Polyethylene, foamed	3,5 Polyethylene, foamed	4,8 Polyethylene, foamed	7,1 Polyethylene, foamed	4,8 Cell PE, foamed	4,8 Cell PE, foamed	7,1 Polyethylene, foamed
Outer conductor	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid	Polyester foil coated with aluminium on both sides Tinned copper braid
1st Screen - ALPR	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides	Polyester foil coated with aluminium on both sides
2nd Screen - Cu-Braid	Tinned copper braid							
Outer jacket	PVC	PVC	PVC	PVC	PE	FRNC	FRNC	FRNC
Colour	white	white	white	white	black	white	black	white
Approx. outer ø mm	4,3	6,6	5,0	6,90	10,30	6,8	6,8	10,0
Min. bending radius ca. mm	43	35	50	45	60	48	48	60
Approx. weight kg/km	20	40	32	47	110	47	47	110
Electrical characteristics								
Impedance (Ohm)	75 ± 3	75 ± 3	75 ± 3	75 ± 2				
Approx. capacitance pF/m	55,0	67,0	53,0	55,00	55,00	53,0	55,00	53,0
Propagation velocity v/c	0,8	0,66	0,8	0,80	0,85	0,85	0,80	0,85
Attenuation at 20°C (dB/100m)								
100 MHz	8,10	7,1	6,30	4,90	3,00	4,7	4,90	3,8
200 MHz	13,30	10,4	11,50	7,70	6,10	7,0	7,20	5,5
450 MHz	20,90	16,8	17,10	11,60	9,00	11,5	11,60	8,6
800 MHz	-	25,0	-	-	-	17,0	-	12,1
1000 MHz	31,50	27,4	26,50	18,90	14,30	18,1	18,90	13,2
1750 MHz	42,20	37,4	36,40	26,60	20,10	25,0	26,60	17,5
2050 MHz	45,80	40,5	39,70	28,20	22,50	27,3	28,20	19,0
2250 MHz	49,90	44,3	43,10	29,50	24,00	28,0	29,50	19,9
2400 MHz	55,5	45,0	-	31,90	-	29,3	31,90	22,5
Structural return loss min. (dB) between								
30 and 300 MHz	20	20	35	25	40	25	40	25
300 and 600 MHz	18	18	35	18	35	18	40	18
600 and 960 MHz	16	18	30	17	35	17	35	17
960 and 1750 MHz	-	-	30	15	30	15	30	15
Direct-current resistance at 20°C								
Inner conductor max. Ohm/km	52,0	110,0	36,0	18,0	9,0	18,0	18,0	9,0
Outer conductor max. Ohm/km	29,00	22,0	28,0	14,0	21,0	14,0	14,0	21,0
Max. nominal voltage (V)	-	-	-	-	-	-	-	-
Screening efficiency (dB)								
50 and 100 MHz ≥	95	90	90	95	90	90	95	90
100 and 500 MHz ≥	95	90	90	95	90	90	95	90
500 and 1000 MHz ≥	95	90	90	95	90	90	95	90
1000 and 2050 MHz ≥	95	90	90	95	90	90	95	90

Dimensions and specifications may be changed without prior notice.