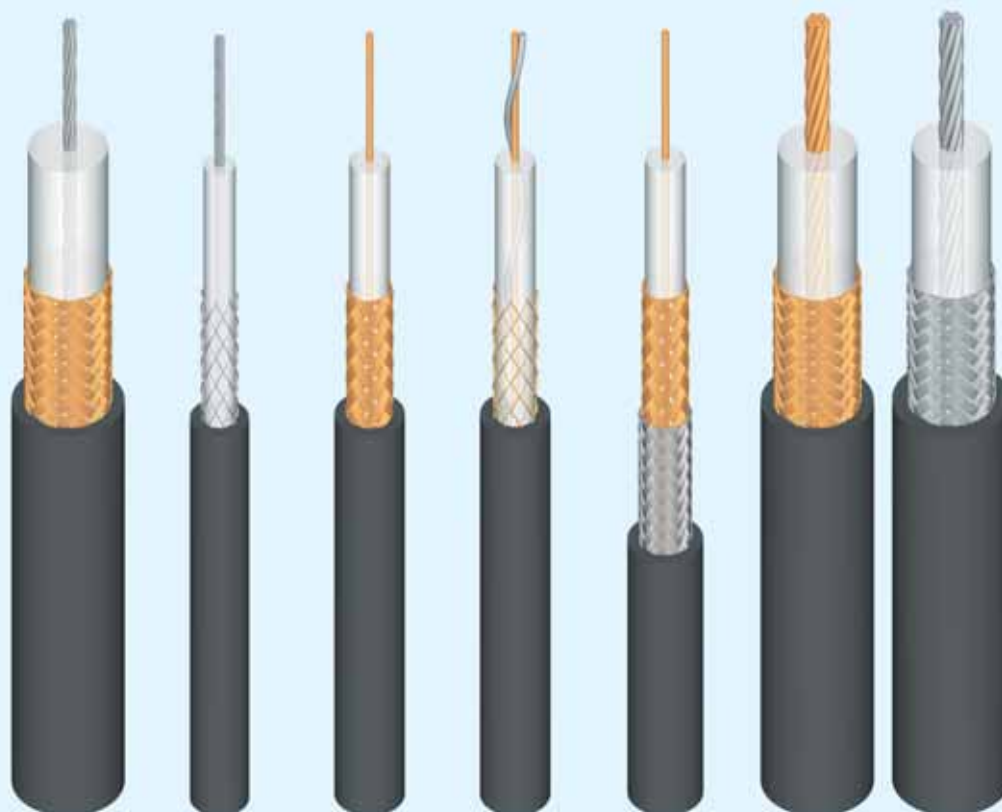


Coaxial halogen-free cables



Typ RG-H.../U	11	58	59	62	71	213	214
Ordering code	0640190	0640191	0640192	0640193	0640194	0640195	0640196
Cable structure							
Inner core	Cu-tinned	Cu-tinned	Solid-bare	Solid-bare	Solid-bare	Cu-bare	Cu-silverplanted
∅ (mm)	7×0,4	19×0,18	1×0,6	1×0,65	1×0,65	7×0,75	7×0,75
Insulation	PE	PE	PE	PE-high pressure	PE-high pressure	PE	PE
∅ (mm)	7,3	2,95	3,7	3,7	3,7	7,24	7,24
Screening	brading	brading	brading	brading	2 brading	brading	2 brading
	Cu-bare	Cu-tinned	Cu-bare	Cu-bare	1 Cu-bare	Cu-bare	2× Cu-silverplanted
					2 Cu-tinned		
H-sheath	H	H	H	H	H	H	H
Min. bending radius (mm)	50	25	30	30	30	50	50
Temperature range °C	-35 to +80	-35 to +80	-35 to +80	-35 to +80	-50 to +70	-35 to +80	-35 to +80
Copper weight (kg/km)	58	21	26	26	48	79	119
Outer ∅ inf. (mm)	10,3	5,4	6,4	6,4	6,9	10,3	10,8
Weight inf. (kg/km)	144	38	57	54	64	155	203
Electrical characteristics							
Impedance (Ω)	75±3	50±2	75±3	93±5	93±3	50±2	50±2
Frequency range							
f (max) (GHz)	3	3	3	3	3	3	11
Propagation velocity v/c	0,66	0,66	0,66	0,85	0,85	0,66	0,66
Attenuation at 20°C (dB/100 m)							
3 MHz	1,30	2,90	2,00	2,00	2,00	1,20	1,20
10 MHz	2,40	5,30	3,80	3,70	3,70	2,30	2,30
100 MHz	7,80	17,00	12,20	12,00	12,50	7,50	7,50
200 MHz	11,30	24,40	17,60	17,30	17,30	10,90	10,90
500 MHz	18,70	39,20	27,20	24,70	24,70	17,20	17,20
800 MHz	23,40	47,80	35,20	34,60	34,60	22,60	22,60
Capacitance (pF/m)	68,00		68,00	42,50	42,50	101,00	101,00
Rel. velocity of propagation (%)	67	67	67	43	43	101	101
Insulation resistance min. (MΩ × km)							
	10 ⁵	10 ⁵	10 ⁵	10 ⁵	10 ⁵	10 ⁵	10 ⁵
Loop resistance max. (Ω/km)							
	23	53	171	13	136	10	10,5
Nominal peak voltage (kVs)							
	5,00	1,90	2,30	0,75	0,75	5,00	5,00
Dielectric strenght 50 Hz (kVeff)							
	10	5	7	3	3	10	10