



RG 59/ U-4 F HF



RG 59/ U-6 F HF



Construction:

	RG 59/ U-4 F HF	RG 59/ U-6 F HF
Inner Conductor (mm) Ø	0,80 Cu	0,80 Cu
Insulation (mm) Ø	3,66 FPE	3,66 FPE
Outer Conductor	AL-PES	CU-PES
Braid	60% SnCu	60% Cu
Outer sheath	HFFR	HFFR
Colour	Black	Black
Outer Diameter (mm)	5,80	5,80

PE : Polyethylene
 AL-PES : Aluminium Polyester Tape
 Cu : Plain Copper
 Cu-PES : Plain Copper Coated Polyester Tape
 SnCu : Tinned Copper
 FPE : Physical Foam Polyethylene
 HFFR : Halogen Free, Flame Retardant

Technical data and tests:

	RG 59/ U-4 F HF	RG 59/ U-6 F HF
Min. Bending Radius (mm)	10xD	10xD
Temperature Range	-40 +70° C	-40 +70° C
Impedance (ohm)	75 ± 3	75 ± 3
Propagation velocity ratio (v/c)	0,82	0,82
Insulation resistance (Mohm/km)	> 2000	> 2000
Capacitance (pF/m)	54	54
Attenuation (20°C)	(dB/100m)	(dB/100m)
100 MHz	8	7,9
200 MHz	11,5	11,3
400 MHz	17,1	16,8
600 MHz	21,2	20,8
800 MHz	23,6	23,2
1000 MHz	26,6	26,1
1350 MHz	31,3	30,8
1750 MHz	35,8	35,3
2150 MHz	40,3	39,2
Flame test	IEC 60332-3 EN 50266-2-4	IEC 60332-3 EN 50266-2-4
Halogen-free test	IEC 60754-2 EN 50266-2	IEC 60754-2 EN 50266-2
Smoke Density	IEC 61034-2 EN 61034-2	IEC 61034-2 EN 61034-2
Operating Voltage	1,1 kV	1,1 kV
Test Voltage	2,5 kV	2,5 kV

Applications:

These 75 ohm cables are used as connection cables in CATV, CCTV, satellite and common antenna TV systems for which low attenuation is required. In case of fire, these cables inhibit the propagation of flames and the development of smoke is extremely low. No corrosive gases are emitted in the event of fire.

