



RG 59/ U-4 F



RG 59/ U-6 F



Construction:

	RG 59/ U-4 F	RG 59/ U-6 F
Outer Conductor	AL-PES	Cu-PES
Braid	%55 SnCu	%55 Cu
Outer sheath	PVC	PVC
Colour	White	White
Outer Diameter (mm)	5,80	5,80
Inner Conductor (mm) Ø	0,80 Cu	0,80 Cu
Insulation (mm) Ø	FPE 3,66	FPE 3,66

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	RG 59/ U-6 F
Capacitance	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 60332-1 EN 50265-2-1	IEC 60332-1 EN 50265-2-1
Operating Voltage	1,1 kV1	1,1 kV1
Test Voltage	2,5 kV	2,5 kV
Min. Bending Radius (mm)	10xD	10xD
Temperature Range	-40 +70° C	-40 +70° C
Impedance (ohm)	75 ± 3	75 ± 3
Propagation velocity ratio	0,82	0,82
Insulation resistance	> 2000	> 2000

Applications:

These 75 ohm cables are used as connection cable in CATV, CCTV, satellite and common antenna TV systems for which low attenuation is required.

