



Construction:

	RG 11/ U-4 F	RG 11/ U-6 F
Outer Conductor	AL-PES	Cu-PES
Braid	%55 SnCu	%55 Cu
Outer sheath	PVC	PVC
Colour	Black-Orange	Black-Green
Outer Diameter (mm)	10,10	10,10
Inner Conductor (mm) Ø	1,63 Cu	1,63 Cu
Insulation (mm) Ø	FPE 7,10	FPE 7,10

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 11/ U-4 F	RG 11/ U-6 F
Capacitance	54	54
Attenuation (20°C)	(dB/100m)	(dB/100m)
100 MHz	4,6	4,4
200 MHz	6,7	6,4
400 MHz	8,7	8,5
600 MHz	11,2	11,0
800 MHz	13,3	12,8
1000 MHz	14,6	14,3
1350 MHz	17,8	17,2
1750 MHz	20,5	19,8
2150 MHz	23,1	22,0
Flame Test	IEC 60332-1 EN 50265-2-1	IEC 60332-1 EN 50265-2-1
Operating Voltage	2,0 kV	2,0 kV
Test Voltage	5,0 kV	5,0 kV
Min. Bending Radius (mm)	15xD	15xD
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 cables in CATV, CCTV, satellite and common antenna TV systems for which low attenuation is required.

