



HALLEY CABLES

RG 11/ U-4 F (Al) & RG 11/ U-6 F (CCA)

Coaxial cables - RG-PVC-Al-CCS

75 Ohm - PVC sheathed – CCS (Copper Clad Steel) Conductor, Aluminium & Copper Clad Aluminium Wire Screened



Construction:

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

PE : Polyethylene
 AL-PES : Aluminium Polyester Tape
 Cu : Plain Copper
 Cu-PES : Plain Copper Coated Polyester Tape
 Al : Aluminium
 FPE : Physical Foam Polyethylene
 CCS : Copper Clad Steel Conductor
 CCA : Copper Clad Aluminium Conductor
 HFFR : Halogen Free, Flame Retardant

Technical data and tests:

	RG 11/ U-4 F AL	RG 11/ U-6 F CCA
Impedance (ohm)	75 ± 3	75 ± 3
Propagation velocity ratio	0,82	0,82
Insulation resistance	> 2000	> 2000
Capacitance (pF/m)	54	54
Min. Bending Radius (mm)	15xD	15xD
Temperature Range	-40 +70° C	-40 +70° C
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

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.

