



RG 6/ U-4 F



RG 6/ U-6 F



Construction:

	RG 6/ U-4 F	RG 6/ U-6 F
Inner Conductor (mm) Ø	1,0 Cu	1,0 Cu
Insulation (mm) Ø	FPE 4,57	FPE 4,57
Outer Conductor	AL-PES	Cu-PES
Braid	55% SnCu	55% Cu
Outer sheath	PE	PE
Colour	Black	Black
Outer Diameter (mm)	6,80	6,80

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 6/ U-4 F	RG 6/ U-6 F
Attenuation (20°C)	dB/100m)	(dB/100m)
100 MHz	7	6,8
200 MHz	9,7	9,5
400 MHz	14,1	13,8
600 MHz	16,9	16,7
800 MHz	19,6	18,9
1000 MHz	22,4	21,9
1350 MHz	26,1	25,6
1750 MHz	29,3	28,5
2150 MHz	32,4	31,6
Oper. Voltage	1,3 kV	1,3 kV
Test Vol.	3 kV	3 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
Capacitance (pF/m)	54	54

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. These PE sheathed cables can be used at outdoor applications.

