

Indoor drop coaxial cable - 75 Ohm  
Indoor installation cable (Screening Class A+)



CAVEL Code:

**SAT752F**

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### Constructive Data

Inner conductor of plain copper	(Cu)	Ø 1,13 mm
Dielectric of physical foam polyethylene	(PEG)	Ø 4,80 mm
Water repellent sealing (dielectric)	(Jelly1)	
Copper/Polyester tape longitudinally overlapped	(Cu/Pet)	
Braid of annealed copper wires	(Cu)	
Braid optical coverage (IEC 96-1)		72 %
Diameter under sheath		Ø 5,30 mm
Outer sheath of Polyvinylchloride black lead-free (Q1B)	(PVC)	Ø 0 6,60 ± 0,10 mm
Printed each meter by yellow ink-jet :	(ss=week, aa=year) (m=meter marking)	

**CAVEL SAT 752 F MADE IN ITALY 75 Ohm EN50117-2-4 ss/aa m**

### Mechanical Parameters

Weight of copper conductors	23,40	kg/km
Total weight of cable	44,70	kg/km
Minimum bending radius (single/repeated bending)	35/70	mm
Max. cable pulling strength	150	N

### Electrical Parameters

Characteristic impedance (@ 200 MHz)	75,00 ± 3,00	Ohm
Capacitance (@1kHz)	52,00 ± 2,00	pF/m
Velocity factor	85 %	
Inner conductor resistance	18,0	Ohm/km
Outer conductor resistance	11,0	Ohm/km
loop Resistance	29,0	Ohm/km
Maximum current (I <sub>eff</sub> )	8,0	A
Insulation voltage of the sheath (spark test)	3,0	kV
Comply to the Standard:	EN50117-2-4	

#### -Attenuation-

Frequency (MHz)	5	10	30	50	200	300	470	862	1000	1750	2150	2400	3000
dB/100m	1,40	2,00	2,90	3,80	7,70	9,40	12,10	16,70	18,00	24,50	27,50	29,00	33,00

#### Structural return loss (SRL)

5 - 470 MHz	>30 dB
470 - 1000 MHz	>28 dB
1000 - 2000 MHz	>26 dB
2000 - 3000 MHz	>22 dB

#### Transfer impedance

5 - 30 MHz 0,2 mOhm/m

#### Screening attenuation (SA)

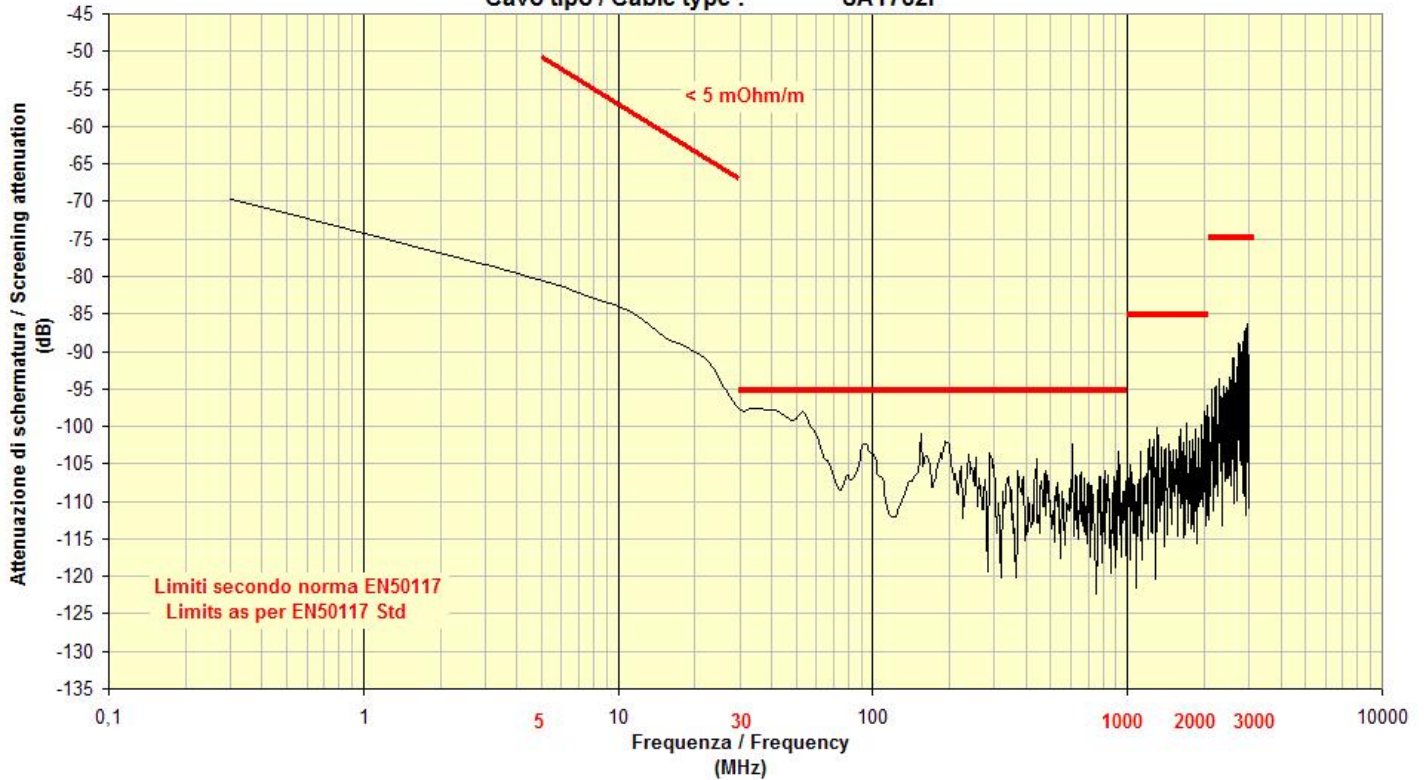
30 - 1000 MHz	>95 dB
1000 - 2000 MHz	>85 dB
2000 - 3000 MHz	>75 dB



### Attenuazione di schermatura / Screening Attenuation

**Cavo classe A+ / A+ Class Cable**

Cavo tipo / Cable type : **SAT752F**



### Standard Packaging

Mod 8A Shrink Pack

100 m in thermoretractable material

6 coils per package = 600 m

### Connectors

**BNCC703SL**

BNC male compression connector for outdoor installation

**F703**

F male crimp connector for indoor installation

**FA703**

F male twist-on connector for indoor installation

**FC703SL**

F male compression connector for outdoor installation