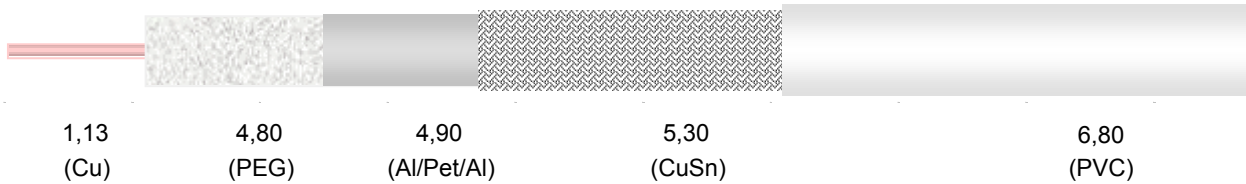


## Description

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



## Data Sheet

17VA<sub>t</sub>C

## Constructive data

Inner conductor of plain copper	(Cu)	1,13 ± 0,02	mm
Dielectric of physical foam polyethylene	(PEG)	4,80 ± 0,10	mm
Water repellent sealing (dielectric)	(Jelly1)		
Aluminium/Polyester/Aluminium tape longitudinally overlapped	(Al/Pet/Al)		
Braid of tinned copper wires	(CuSn)		
Braid optical coverage (IEC 96-1)		45 %	
Diameter under Sheath		5,30	mm
Outer sheath of Polyvinylchloride - white (PVQ1BI) - lead-free (Q1B)	(PVC)	6,80 ± 0,10	mm

Printed each meter by black ink-jet :

**CAVEL 17VA<sub>t</sub>C/PH MADE IN ITALY EN50117-2-4 CLASSE A CEI-UNEL 36762 C-4 (U<sub>0</sub> =400V) ss/aa 75 Ohm - m**

(ss=week, aa=year) (m=meter marking)

## Electrical data

Characteristic impedance (@ 200 MHz)		75 ± 3	Ohm
Capacitance (@1kHz)		52 ± 2	pF/m
Velocity factor		85 %	
Outer conductor resistance		22	Ohm/km
Loop resistance		40	Ohm/km
Insulation voltage of the sheath (spark test)		3	kV
Maximum current (I <sub>eff</sub> )		8,00	A
Structural return loss (SRL)			
5 - 470 MHz	>30 dB		
470 - 1000 MHz	>28 dB		
1000 - 2000 MHz	>26 dB		
2000 - 3000 MHz	>22 dB		
Screening attenuation (SA)			Transfer impedance
30 - 1000 MHz	>85 dB	5 - 30 MHz	< 1,5 mOhm/m
1000 - 2000 MHz	>80 dB		
2000 - 3000 MHz	>70 dB		

**ITALIANA CONDUTTORI s.r.l.**

Viale Zanotti 90 I - 27027 Gropello Cairoli  
Tel +39-382.815150 Fax +39-0382.814212

Date

11/07/2008

Responsible

PierPaolo Piccinini

## Description

Indoor drop coaxial cable - 75 Ohm

Indoor installation cable (Screening Class A)

Coaxial Cables

CAVEL®

since 1968

Data Sheet

17VAtC

Attenuation (at 20°C):

Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]
5	1,60	800	16,40
10	2,10	862	17,10
30	3,20	1000	18,50
50	4,10	1750	24,90
200	7,90	2150	27,90
300	9,80	2400	29,60
470	12,40	3000	33,40

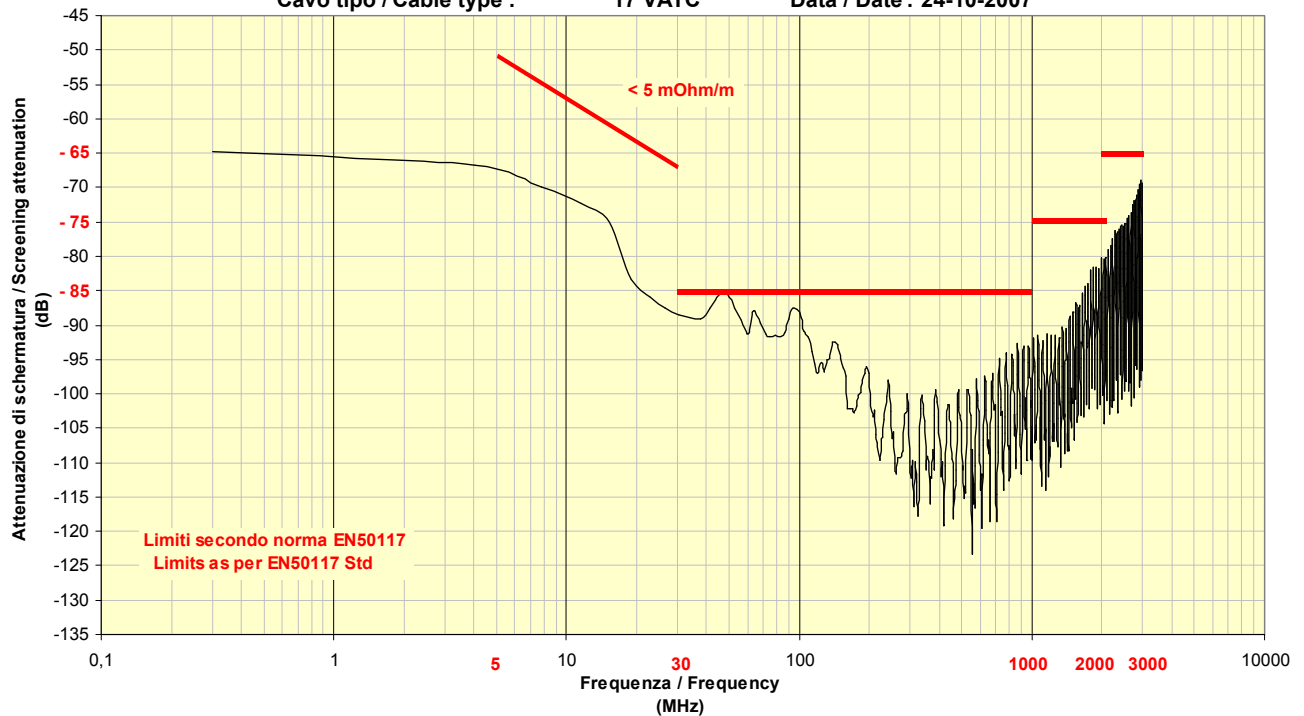
## Mechanical data

Weight of copper conductors	14,45	kg/km
Total weight of cable	40,43	kg/km
Minimum bending radius (single/repeated bending)	35/70	mm
Max. cable pulling strength	150	N

## Attenuazione di schermatura / Screening Attenuation

## Cavo classe A / A Class Cable

Cavo tipo / Cable type : 17 VATC Data / Date : 24-10-2007



## Connector

FA17	F male twist-on connector for indoor installation, nitin-plated brass - 22,0 x 12,0 mm
F703	F male crimp connector for indoor installation, nitin-plated brass - 21,0 x 12,0 mm
FC703	F male compression connector for outdoor installation, nitin-plated brass - 30,0 x 12,0 mm
BNCC703	BNC male compression connector for outdoor installation, nitin-plated brass - 35,0 x 14,0 mm

ITALIANA CONDUTTORI s.r.l.

Viale Zanotti 90 I - 27027 Gropello Cairoli  
Tel +39-382.815150 Fax +39-0382.814212

Date

11/07/2008

Responsible

PierPaolo Piccinini