

## Description

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



## Data Sheet

DKT-SAT4H



0,80 (Cu)	3,50 (PEG)	3,60 (Al/Pet/Al)	4,00 (CuSn)	5,00 (PVC)
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**Constructive data**

Inner conductor of plain copper	(Cu)	0,80 ± 0,02 mm
Dielectric of physical foam polyethylene	(PEG)	3,50 ± 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)		47 %
Diameter under Sheath		4,00 mm
Outer sheath of Polyvinylchloride - white (PVQ1BI) - lead-free (Q1B)	(PVC)	5,00 ± 0,10 mm

Printed each meter by black ink-jet :

**CAVEL DKT SAT 4H GAS INJECTED 75 Ohm ass m**

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

**Electrical data**

Characteristic impedance (@ 200 MHz)	75 ± 3	Ohm
Capacitance (@1kHz)	52 ± 2	pF/m
Velocity factor	85 %	
Outer conductor resistance	26	Ohm/km
Loop resistance	61	Ohm/km
Insulation voltage of the sheath (spark test)	2,50	kV
Maximum current (Ieff)	4,00	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)

30 - 1000 MHz	>80 dB
1000 - 2000 MHz	>80 dB
2000 - 3000 MHz	>75 dB

## Transfer impedance

5 - 30 MHz &lt; 1,2 mOhm/m

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

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## Date

11/07/2008

## Responsible

PierPaolo Piccinini

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Coaxial Cables

CAVEL®

since 1968

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Attenuation (at 20°C):

Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]
5	2,30	862	23,30
10	2,80	1000	25,20
30	4,60	1750	34,50
50	5,60	2150	38,20
200	10,90	2400	40,40
300	13,70	3000	45,80
470	17,00		

## Mechanical data

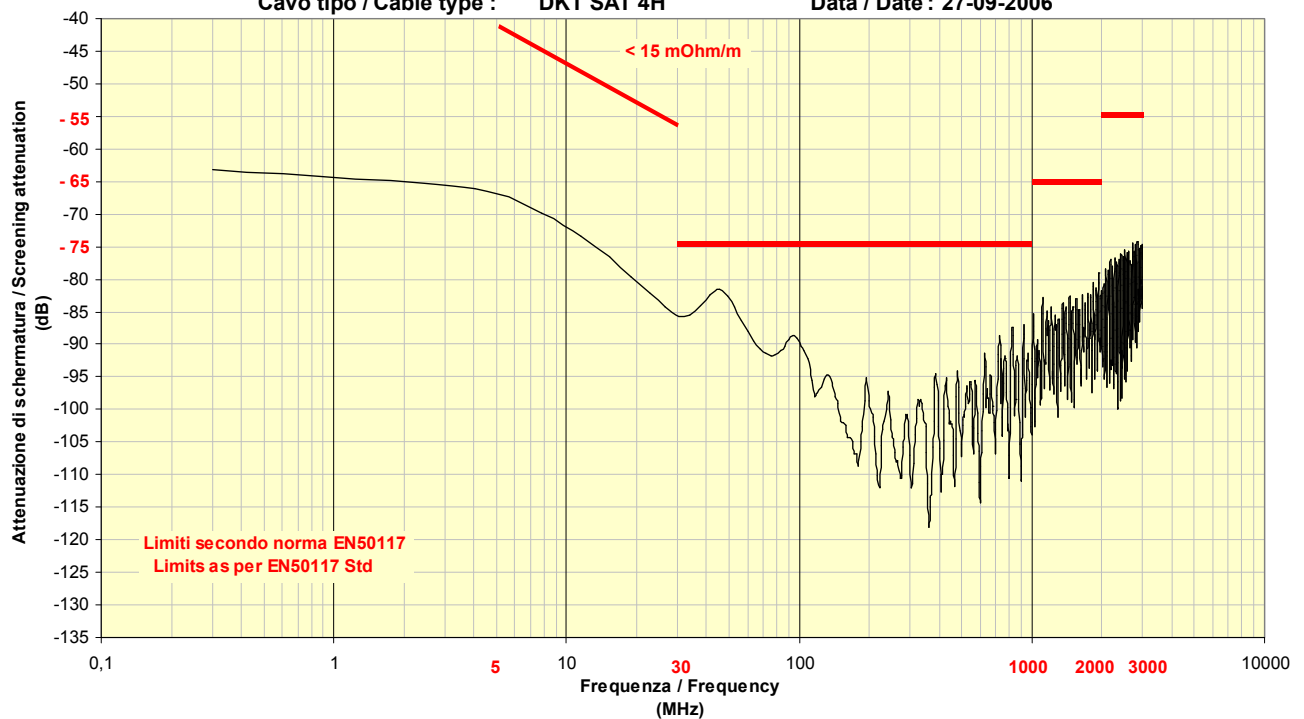
Weight of copper conductors	8,90	kg/km
Total weight of cable	23,60	kg/km
Minimum bending radius (single/repetead bending)	25/50	mm
Max. cable pulling strenght	90	N

## Attenuazione di schermatura / Screening Attenuation

## Cavo classe B / B Class Cable

Cavo tipo / Cable type : DKT SAT 4H

Data / Date : 27-09-2006



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