

Description				Data Sheet	
Indoor drop coaxial cable - 75 Ohm				CATV11B	
Indoor installation cable (Screening Class A)					
					
Ø	1,63 (Cu)	7,20 (PEG)	7,37 (Al/Pet/Al/Sur)	7,85 (CuSn)	10,10 (PVC)
Standards					
EN 50117-2-4					
Construction data					
Inner conductor of plain copper		(Cu)	Ø 1,63 ± 0,03	mm	
Dielectric of physical foam polyethylene		(PEG)	Ø 7,20 ± 0,10	mm	
Outer aluminium/Polyester/Aluminium/Surlyne tape longitudinally overlapped and bonded to the dielectric		(Al/Pet/Al/Sur)			
Braid of tinned copper wires		(CuSn)			
Braid optical coverage (IEC 96-1)			63	%	
Diameter under Sheath			7,85	mm	
Outer sheath of Polyvinylchloride - white (PVC) - lead-free		(PVC)	Ø 10,10 ± 0,15	mm	
Printed each meter by blue ink-jet :					
CAVEL CATV 11 B MADE IN ITALY 75 Ohm EN50117-2-4 CEI-UNEL 36762 C-4 (U0 =400V) ss/aa m					
(ss=week, aa=year) (m=meter marking)					
Physical data					
Weight of copper conductors			34,57	kg/km	
Total weight of cable			95,59	kg/km	
Minimum bending radius (single/repetead bending)			100	mm	
Maximum cable pulling strength			300	N	
Electrical data					
Characteristic impedance (@ 200 MHz)			75 ± 2	Ohm	
Capacitance (@1kHz)			52 ± 2	pF/m	
Velocity Ratio			85 %		
Inner conductor resistance			8,50	Ohm/km	
Outer conductor resistance			10	Ohm/km	
Loop resistance			18,50	Ohm/km	
Sheat Insulation voltage (spark test)			5	kV	
Maximum current (Ieff)			16	A	
Structural return loss (SRL)					
5 - 470 MHz		>30 dB			
470 - 1000 MHz		>28 dB			
1000 - 2000 MHz		>23 dB			
2000 - 3000 MHz		>20 dB			
Screening Attenuation (SA)		SA-Class A	Shield Transfer Impedance (Zt)		Zt-Class B
30 - 1000 MHz		>85 dB	5 - 30 MHz		< 8 mΩ/m
1000 - 2000 MHz		>100 dB			
ITALIANA CONDUTTORI s.r.l.			Date		Responsible
Viale Zanotti 90 I - 27027 Gropello Cairoli			18/04/2013		PierPaolo Piccinini
Tel +39-382.815150 Fax +39-0382.814212					

Description

Indoor drop coaxial cable - 75 Ohm

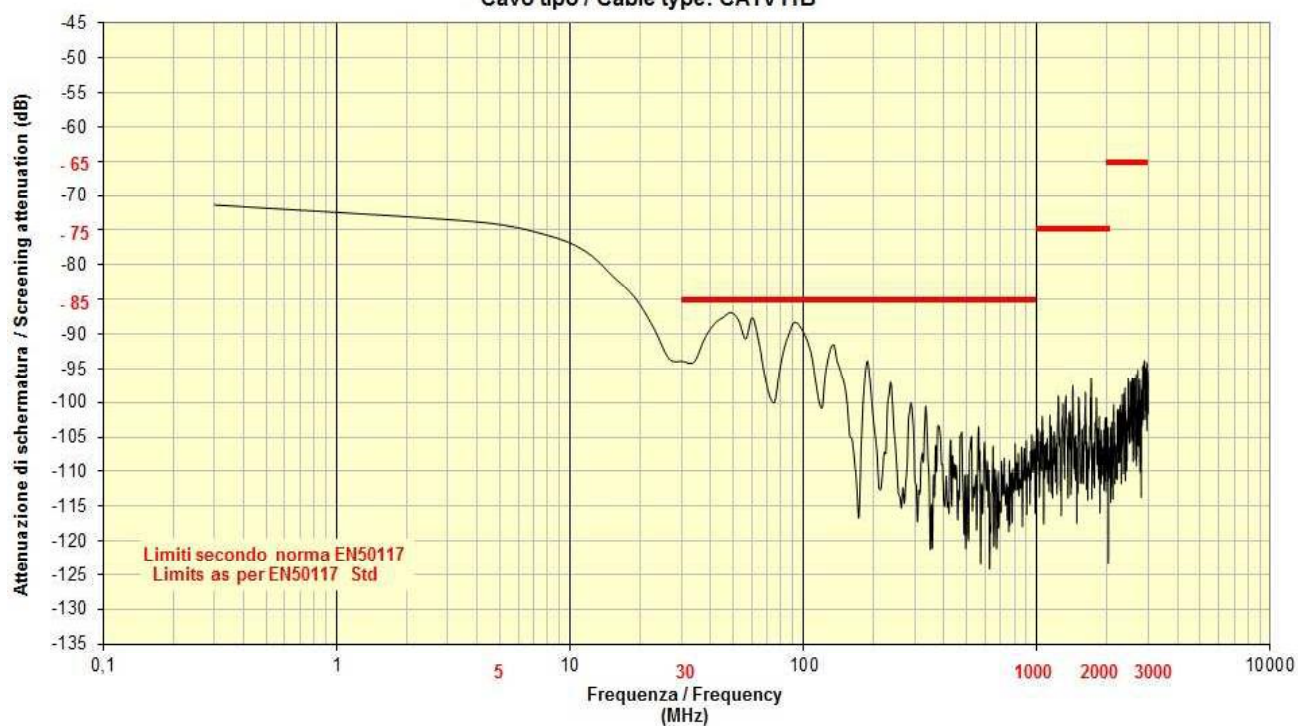
Indoor installation cable
(Screening Class A)**Data Sheet****CATV11B**

2000 - 3000 MHz

>90 dB

Attenuation (at 20°C)

Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]
5	1,10	862	11,90
10	1,50	1000	12,80
30	2,20	1750	17,90
50	2,80	2150	19,80
200	5,60	2400	21,00
300	6,90	3000	24,00
470	8,80		

Attenuazione di schermatura / Screening Attenuation**Cavo classe A / A Class Cable****Cavo tipo / Cable type: CATV11B****ITALIANA CONDUTTORI s.r.l.**Viale Zanotti 90 I - 27027 Gropello Cairoli
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