

**Description**

Distribution and trunk coaxial cable for burial installation - 75 Ohm  
 Underground installation cable (Screening Class A+)



**Data Sheet**

**34/145FC**



3,40	14,50	14,66	15,26		19,80
(Cu)	(PEG)	(Cu)	(Cu)	(Jelly2)	(PE)

**Constructive data**

Inner conductor of plain copper	(Cu)	3,40 ± 0,10	mm
Dielectric of physical foam polyethylene	(PEG)	14,50 ± 0,15	mm
Water repellent sealing (dielectric)	(Jelly1)		
Copper tape longitudinally overlapped	(Cu)		
Braid of annealed copper wires	(Cu)		
Braid optical coverage (IEC 96-1)		61 %	
Tracer Identifier	Year + Flag		mm
Water repellent sealing (sheath)	(Jelly2)		
Diameter under Sheath		15,26	mm
Outer sheath of Polyethylene - black - with carbonblack (Q4)	(PE)	19,80 ± 0,20	mm

Printed each meter by yellow ink-jet :

**CCS TV 75 Ohm CAVEL 3.4/14.5 FC MADE IN ITALY EN50117-2-3 CEI-UNEL 36762 C-4 (U0 =400V) ss/aa m**

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

**Electrical data**

Characteristic impedance (@ 200 MHz)	75 ± 2	Ohm
Capacitance (@1kHz)	53 ± 2	pF/m
Velocity factor	85 %	
Outer conductor resistance	2,60	Ohm/km
Loop resistance	4,70	Ohm/km
Insulation voltage of the sheath (spark test)	12	kV
Maximum current (Ieff)	34,00	A

Structural return loss (SRL)	
5 - 470 MHz	>25 dB
470 - 1000 MHz	>24 dB
1000 - 2000 MHz	>21 dB
2000 - 3000 MHz	>20 dB

Screening attenuation (SA)	Transfer impedance
30 - 1000 MHz	5 - 30 MHz <2,5 mOhm/m
1000 - 2000 MHz	>95 dB
2000 - 3000 MHz	>85 dB
	>80 dB

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**Date**

**10/10/2005**

**Responsible**

**PierPaolo Piccinini**

