

CONSTRUCTIVE DATA

Inner conductor of plain copper	(Cu)	Ø 1,25 mm
Dielectric of 5-cell semi air-spaced polyethylene	(PEAS)	Ø 5,60 mm
Copper/Polyester tape longitudinally overlapped	(Cu/Pet)	
Braid of annealed copper litz wires	(Cu)	Ø
Braid optical coverage (IEC 96-1)		47 %
Outer sheath of Polyvinylchloride white lead-free (Q1B)	(PVC)	Ø 7.80 ± 0.10 mm
printing each meter by black ink-jet : (ss=week, aa=year)		

CAVEL KF13AS week ss/aa ITALIANA CONDUTTORI SRL**MECHANICAL PARAMETERS**

Weight of copper conductors	25,80	kg/km
Total weight of cable	58,00	kg/km
Minimum bending radius (single/repstead bending)	40/80	mm

ELECTRICAL PARAMETERS

Characteristic impedance (@ 200 MHz)	75,00 ± 2,50	Ohm
Capacitance (@1kHz)	55,00 ± 2,00	pF/m
Velocity factor	82 %	
Inner conductor resistance	14,0	Ohm/Km
Outer conductor resistance	13,0	Ohm/Km
loop Resistance	27,0	Ohm/Km
Insulation voltage of the sheath (spark test)	3	kV

Conforme alla norma:

Attenuation

Frequency (MHz)	5	50	100	200	300	470	862	1000	1350	1750	2150
dB/100m	1.10	3.40	4.80	6.80	8.40	11.00	15.10	16.40	19.50	22.50	25.60

Structural return loss (SRL)

5 - 470 MHz	>30 dB
470 - 862 MHz	>25 dB
862 - 2150 MHz	>25 dB

Screening attenuation (SA)

30 - 470 MHz	>85 dB
470 - 862 MHz	>100 dB
862 - 2150 MHz	>85 dB



Attenuazione di schermatura / Screening Attenuation

Cavo classe A / A Class Cable

Cavo tipo / Cable type : 11/50 FC

Data / Date : 08/09/2006

