

CONSTRUCTIVE DATA

Inner conductor of plain copper	(Cu)	Ø 1,00 mm
Dielectric of 5-cell semi air-spaced polyethylene	(PEAS)	Ø 4,70 mm
Copper/Polyester tape longitudinally overlapped	(Cu/Pet)	
Braid of annealed copper litz wires	(Cu)	Ø
Braid optical coverage (IEC 96-1)		53 %
Outer sheath of Polyvinylchloride white lead-free (Q1B)	(PVC)	Ø 6.40 ± 0.10 mm

printing each meter by black ink-jet : ---

CAVEL KF 105 AS 75 Ohm**MECHANICAL PARAMETERS**

Weight of copper conductors	19,20	kg/km
Total weight of cable	40,80	kg/km
Minimum bending radius (single/repstead bending)	35/70	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	22,5	Ohm/km
Outer conductor resistance	15,0	Ohm/km
loop Resistance	37,5	Ohm/km
Insulation voltage of the sheath (spark test)	3	kV

Conforme alla norma: ---

Attenuation

Frequency (MHz)	5	50	100	200	300	460	860	1000	1350	1750	2150
dB/100m	1.60	4.10	5.80	8.40	10.30	12.80	18.00	19.60	23.00	27.00	30.50

Structural return loss (SRL)

5 - 470 MHz	>30 dB
470 - 862 MHz	>28 dB
862 - 2150 MHz	>25 dB

Screening attenuation (SA)

30 - 1000 MHz	>85 dB
1000 - 2150 MHz	>95 dB



Attenuazione di schermatura / Screening Attenuation

Cavo classe A / A Class Cable

Cavo tipo / Cable type : 11/50 FC

Data / Date : 08/09/2006

