CONSTRUCTIVE DATA

Inner conductor of stranded copper litz wires	(Cu) 7x0,75	Ø 2,25 mm
Dielectric of solid polyethylene	(PE)	Ø 7,25 mm
Braid of annealed copper litz wires	(Cu)	Ø
Braid optical coverage (IEC 96-1)		96 %
Outer sheath of non-migrating Polyvinylchloride black non-migrating as per MIL-C-17 (QA1)	(PVCII)	Ø 10.30 ± 0.15 mm

printed each meter by yellow ink-jet : ---

CAVEL RG 213/U MIL-C-17 50 Ohm

MECHANICAL PARAMETERS

Weight of copper conductors	73,80	kg/km
Total weight of cable	151,30	kg/km
Minimum bending radius (single/repetead bending)	5'/100	mm
Max. cable pulling strenght	400	N

ELECTRICAL PARAMETERS

Characteristic impedance (@ 200 MHz)	50,00 ± 2,00	Ohm
Capacitance (@1kHz)	100,00 ± 2,00	pF/m
Velocity factor	66 %	
Inner conductor resistance	6,5	Ohm/km
Outer conductor resistance	4,5	Ohm/km
loop Resistance	11,0	Ohm/km
Insulation voltage of the sheath (spark test)	5,0	kV
Standard:	MIL-C-17	

-Attenuation-

Frequency (MHz)	50	200	300	470	862	1000
dB/100m	4.10	9.00	11.30	14.80	21.20	23.60

Structural return loss (SRL)

30 - 300 MHz	>27 dB
300 - 600 MHz	>26 dB
600 - 1000 MHz	>24 dB

Transfer impedance

5 - 30 MHz	8 mOhm/m

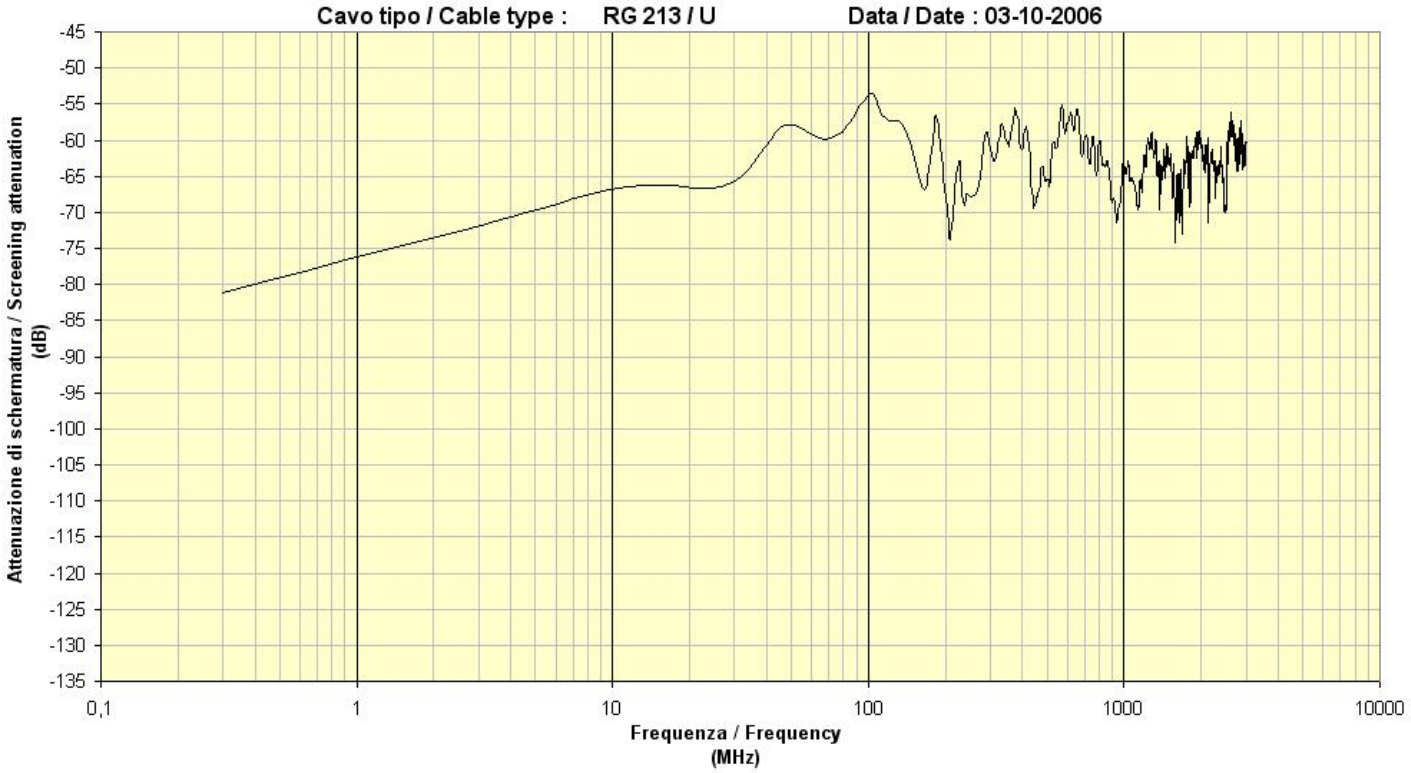
Screening attenuation (SA)

30 - 1000 MHz	>55 dB

Max. power

100 MHz	830	W
400 MHz	320	W
1000 MHz	180	W

Attenuazione di schermatura / Screening Attenuation



STANDARD PACKAGING

Mod 9A	100 m in reel	2 reels per package = 200 m