



**CONSTRUCTIVE DATA**

Inner conductor of stranded tinned copper litz wires	(CUSn) 19x0,18	Ø 0,90 mm
Dielectric of solid polyethylene	(PE)	Ø 2,95 mm
Braid of tinned copper litz wires	(CuSn)	Ø
Braid optical coverage (IEC 96-1)		93 %
Outer sheath of non-migrating Polyvinylchloride black non-migrating as per MIL-C-17 (QA1)	(PVCII)	Ø 5.00 ± 0.10 mm
printed each meter by yellow ink-jet :	---	

CAVEL - RG 58 C/U MIL-C-17 - 50 Ohm

**MECHANICAL PARAMETERS**

Weight of copper conductors	16,60	kg/km
Total weight of cable	35,90	kg/km
Minimum bending radius (single/repeated bending)	25/50	mm
Max. cable pulling strength	90	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	38,5	Ohm/km
Outer conductor resistance	16,5	Ohm/km
loop Resistance	55,0	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	11.00	24.50	31.00	41.80	59.90	65.80

**Structural return loss (SRL)**

30 - 300 MHz	>26 dB
300 - 600 MHz	>25 dB
600 - 1000 MHz	>24 dB

**Transfer impedance**

5 - 30 MHz	8 mOhm/m
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**Screening attenuation (SA)**

30 - 1000 MHz	>55 dB
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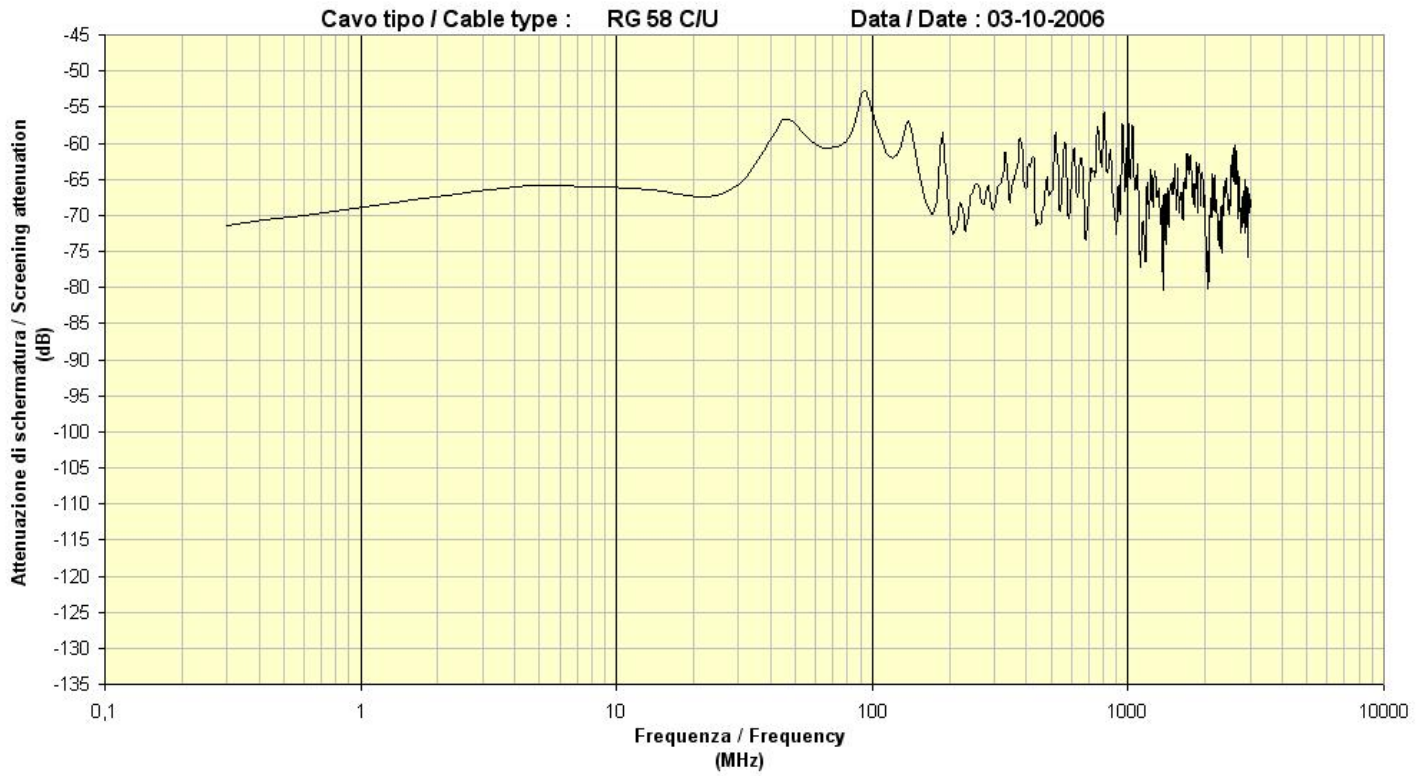
**Max. power**

100 MHz	200	W
400 MHz	60	W
1000 MHz	35	W





**Attenuazione di schermatura / Screening Attenuation**



**STANDARD PACKAGING**

Mod 8B

150 m in thermoretractable material

6 coils per package = 900 m