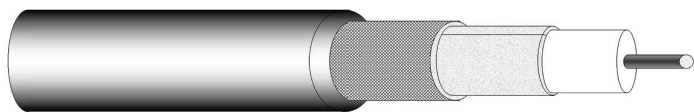


## RG-8 Enhanced

Low loss RG-8 type cable with solid bare copper inner conductor and dual shield (copper foil and copper braid)



## CHARACTERISTICS

### MATERIAL

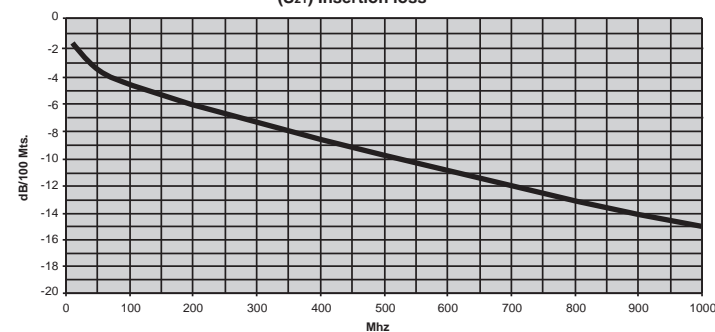
ϕ (mm)

INNER CONDUCTOR	Solid annealed bare copper	2,25 ± 0,05
DIELECTRIC	Cellular Polyethylene	7,25 ± 0,15
OUTER CONDUCTOR	Laminated Copper - Polyester tape Annealed bare copper braid Coverage >	8,1 ± 0,2 90%
SHEATH	Special outdoor use, black color PVC	10,2 ± 0,2

### ELECTRICAL

Velocity of propagation	74%
D.C. resistance @ 20 °C	
Inner conductor	< 5 Ω / Km.
Outer conductor	< 7 Ω / Km.
Insulating resistance	>10000 MΩ x Km.
Capacitance	≤ 80 nF / Km.
Impedance	50 ± 5 Ω
Dielectric strength	> 2000 Veff @ 60 sg.

(S<sub>21</sub>) Insertion loss



Attenuation \*

F (MHz.)	dB/100 m.
10	1,7
50	3,3
100	4,4
200	6
400	8,6
800	13
1000	14,9

\* Values ± 5%

### MECHANICAL

Aprox. Net Weight	151 Kg./Km.
Working Temperature	Min. -20° C Max. 70° C
Standard Packing	100 Meter Coils / 500 Meter Drums

NORDIX RESERVES THE RIGHT TO CHANGE OR MODIFY THE SPECIFICATIONS WITHOUT ANY PRIOR NOTICE.



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