

## Military cable

## RG 213, RG 214, RG 223, (50 Ω)



## APPLICATIONS

Indoor cable for CATV systems



Lowest recommended installation temperature:

-5 °C



Maximum permissible tensile stress during installation

RG 213	470 N
RG 214	730 N
RG 223	220 N



## CONSTRUCTION

Inner conductor

RG 213 Stranded copper wire, bare 7x0,75

RG 214 Stranded copper wire, silver plated 7x0,75

RG 223 Copper wire, silver plated

Insulation PE

RG 213 bare

RG 214, RG 223

1st braid Silver plated

2nd braid Silver plated

Sheath PVC

CABLE SIZES				
Type		RG 213	RG 214	RG 223
Nominal diameter of the inner conductor	mm	2,25	2,25	0,9
Nominal outer diameter	mm	10,3	10,8	5,5
Mass	kg/km	157	226	60
Delivery length	m	1000	1000	1000
ELECTRICAL PROPERTIES 20 °C				
DC-resistance	Ω/km			
inner conductor		5,7	5,7	29,1
1st braid		3,9	9,4	13,5
2nd braid			8,2	15,5
Mutual capacitance	pF/m	100	100	100
Characteristic impedance	Ω	50 ±2	50 ±2	50 ±2
Velocity ratio	%	0,66	0,66	0,66
Max attenuation	dB/100 m			
frequency 60 MHz		5	6,0	18,2
frequency 80 MHz		6	7,5	15,5
frequency 200 MHz		10	11	21
frequency 400 MHz		15	17	31
frequency 1000 MHz				
Transfer impedance at 3 MHz				
operating voltage	kV <sub>eff</sub>	4,5	4,5	1,9
test voltage	kV <sub>eff</sub>	10,0	10,0	4,1