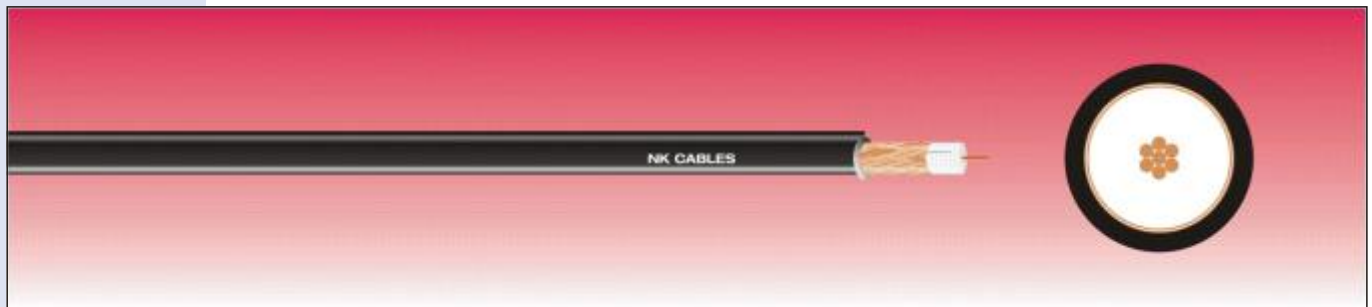


*Military cable*  
**RG 58, (50 Ω), RG 59, (75 Ω)**



**APPLICATIONS**

Indoor cable for CATV systems



Maximum permissible tensile stress during installation  
 RG 58: 120 N  
 RG 59: 145 N



Lowest recommended installation temperature: -5 °C



**CONSTRUCTION**

Inner conductor		Copper braid	
RG 58r	Stranded copper wire, tin plated	RG 58r	Tin plated
RG 59	Copperclad steel wire	RG 59	Bare
Insulation	PE	Sheath	Black PVC

CABLE SIZES			
Type		RG 58 C/U	RG 59 B/U
Nominal diameter of the inner conductor	mm	0,9	0,59
Nominal outer diameter	mm	5,0	6,2
Mass	kg/km	40	57
Delivery length	m	1000	1000
ELECTRICAL PROPERTIES 20 °C			
Nominal loop DC-resistance	Ω/km	50	165
Mutual capacitance	pF/m	100	67
Characteristic impedance	Ω	50 ±2	75 ±3
Velocity ratio	%	66	66
Max attenuation	dB/100 m		
frequency 5 MHz		3,0	2,5
frequency 10 MHz		4,2	3,5
frequency 200 MHz		23	16
frequency 400 MHz		34,5	24
frequency 1000 MHz		60	38
Transfer impedance at 3 MHz			
specified value	mΩ/m	50	
measurement value	mΩ/m	36	36
operating voltage	kV <sub>eff</sub>	1,8	2,0