

## RG 58 C/U PUR

RG 58 C/U - PUR Koaksialkabel 50 Ohm

### Application

Koaksialkabel for dataoverføring. Kabelen kan også brukes som antennekabel for mobiltelefoner.



### Construction

Conductor	Tinned Cu 19 x 0.18 [mm]
Insulation	Solid PE $\varnothing=2,95\pm 0,10$ [mm]
Screen	Tinned Cu 94 [% coverage] 144 x 0,10 [mm]
Jacket	Black PUR
Outer diam	5,0 $\pm$ 0,10 [mm]
Weight	ca. 38 [kg/km]

### Specifications

Operating temperature	-30 to +70 [°C]
HF operating voltage	4 [kV]
Impedance	50 $\pm$ 3 [ $\Omega$ ]
Capacitance pair	100 [pF/m]
Velocity factor	0,66
Min. bending radius @ installation	10 [x outer diam.]

### Norms

Oil and fuel, hydrocarbons resistant	IEC 60811-2-1
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### Structural return loss dB

MHz	dB
30 ÷ 300	>28
300 ÷ 600	>27
600 ÷ 1000	>20

### Screening effectiveness dB

MHz	m $\Omega$ /m
100 ÷ 900	>57
900 ÷ 2000	-
2000 ÷ 3000	-

## Attenuation

Frequency (MHz)	Attenuation (dB/100m)
5	2,7
10	4,1
50	9,7
100	13,9
200	20,4
300	25,3
500	34,2
600	37,9
800	45,1
1000	51,8
1350	61,2
1500	65,6
1750	71,6