

GAALNET® COAXIAL RG59/U



ELETTROTEK KABEL® GAALNET® COAXIAL RG59/U

Construction:

Conductor:	solid copper clad steel conductor, 1x0,58 mm
Insulation:	PE compound
Colour core:	natural
Screen:	plain annealed copper braid, 46%
Outer sheath:	black (similar RAL 9005) or white (similar RAL 9003), PE compound

Features:

acc. to MIL Standard
UV resistant
RoHS and CE approval



Technical data:

Nominal voltage:	100 V
Temperature range:	-30°C up to +70°C
Min. bending radius:	
<i>fixed laying:</i>	30 mm
<i>flexible installation:</i>	60 mm
D.C. resistance:	
<i>inner:</i>	310 Ohm/km
<i>outer:</i>	33,7 Ohm/km
Impedance:	75 ± 3 Ω
Capacitance:	66 pF/m ± 2
Velocity of propagation:	66%
Min. return loss:	
<i>from 30 up to 300 MHz:</i>	28
<i>from 300 up to 1000 MHz:</i>	25
<i>from 1000 up to 2000 MHz:</i>	20
<i>from 2000 up to 3000 MHz:</i>	18
Screening efficiency:	
<i>from 5 up to 30 MHz:</i>	Transfer imp. (TI): /
<i>from 100 up to 900 MHz:</i>	Screening Att. (AS): min. 55 dB

ELECTRICAL CHARACTERISTICS AT 20°C:

Frequency MHz	Attenuation dB/100 m
50	7,7
200	16
300	19,9
470	25,4
862	35,3
1000	38,7

Part no.	Nominal cross-section no. of pairs x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km
80060B7H010905	1 x 0,6	6,15	4,7	42

Other dimensions and colours available on request.