

GAALNET® COAXIAL RG11/U



ELETTROTEK KABEL® GAALNET® COAXIAL RG11/U

Construction:

Conductor:	stranded tinned copper conductor, 7x0,40 mm
Insulation:	PE compound
Colour core:	natural
Screen:	plain annealed copper braid, 97%
Outer sheath:	black (similar RAL 9005), PVC compound

Features:

acc. to MIL - C - 117 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>	60 mm
<i>flexible installation:</i>	110 mm
D.C. resistance max.:	
<i>inner:</i>	20,5 Ohm/km
<i>outer:</i>	4,4 Ohm/km
Impedance:	75 ± 3 Ω
Capacitance:	67 pF/m ± 2
Velocity of propagation:	66%
Min. return loss:	
<i>from 30 up to 300 MHz:</i>	30
<i>from 300 up to 600 MHz:</i>	27
<i>from 600 up to 1000 MHz:</i>	25
<i>from 1000 up to 2000 MHz:</i>	22
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. 57 dB

ELECTRICAL CHARACTERISTICS AT 20°C

Frequency MHz	Attenuation dB/100 m
5	1,2
10	1,7
50	4,2
100	6,3
200	9,3
400	13,8

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
80030B7H010902	7 x 0,4	10,3	57	145

Other dimensions and colours available on request.