

RG 174 A/U

50Ω
MIL C - 17F

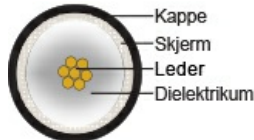
Application

Small dimension industrial and instrumentation coax for radio frequencies.



Construction

Conductor	Stranded Copperweld 7 x 0,16 [mm]
Dielectricum	Low density PE 1,50 ± 0,08 [mm]
Screen	Tinned Cu-braid > 88 [% optical coverage] 16 x 0,10 [mm]
Jacket	Black PVC
Outer diam	2,8 [mm]
Weight	12,5 [kg/km]



Specifications

Operating temperature	-30 – +70 [°C]
Braid Resistance	39 [Ω/km]
Test Voltage	2 [kV]
Conductor resistance	282 [Ω/km]
Capacitance	100 [pF/m]
Impedance	50 [Ω]
Velocity factor	0,66
Min. bending radius	5 [x outer diam]
Min. bending radius flexible	10 [x outer diam]



Part No. 1092377 S100m, 1092378 T500m

Attenuation nominal, max 105%

Frequency MHz	Attenuation dB/100m
50	17,5
100	25,8
200	38,2
400	54,9
800	77,0
1000	87,5

Structural return loss

MHz	dB
30 - 300	>26
300 - 600	>23
600 - 1000	>20

Screening Effectiveness IEC 61196-1

MHz	dB
100 - 900	>52