

# RG-174/U

Flexible Coaxial Cable, 0 - 6000 MHz

RG-174/U is a flexible coaxial cable with single braided outer conductor

- Braided inner conductor, 7 x 0.16 mm.
- Flexible cable with a small bending radius.
- For applications up to 6000 MHz.



## ELECTRICAL SPECIFICATIONS

Type	Coaxial Cable
Frequency	0 - 6000 MHz
Attenuation	See table
Propagation Velocity	66±3 %
Capacitance	100±3 pF/m
Impedance	50±3 Ohm
Max. Power	See table

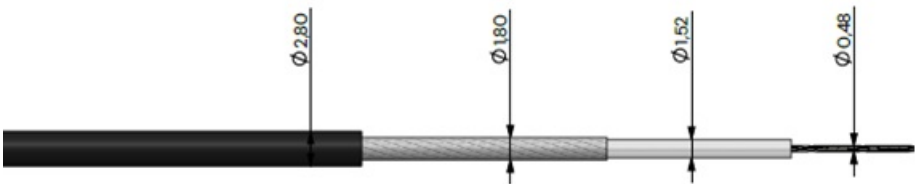
## MECHANICAL SPECIFICATIONS

Color	Black or white
Inner Conductor	Ø 0.48 mm (7 x 0.16 mm), Copper Clad Steel
Dielectric	Ø 1.52 mm, Solid Polyethylene (PE)
Outer Conductor	Ø 1.9 mm, Tinned Copper wire braid (85% coverage)
Jacket	Ø 2.8 mm, Flame retardant Polyvinyl Chloride (PVC)
Min. Bending Radius	28 mm
Weight	16 kg/km
Operating Temperature	-20 to +70 °C

Datasheet

ORDERING INFORMATION

RG-174/U-100	Single cardboard reel, 100 m. Black.
RG-174/U-200	Single cardboard reel, 200 m. Black.
RG-174/U-1000	Single plywood drum, 1000 m. Black.
RG-174/U-W-1000	Single plywood drum, 1000 m. White.



RG174/U		
Frequency [MHz]	Attenuation [dB/100m]	Max. Power [W]
30	14.9	82.8
150	34.3	36.9
450	66.5	21.6
800	95.2	16.2
1000	111.5	14.4
1500	163.5	11.7
2000	212.2	9.9
2500	261.1	9.0
3000	310.0	8.1
5200	525.1	6.3
5800	583.7	6.3