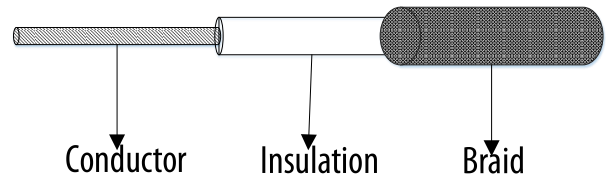


RG 405/U 50 Ohm Tinned Coaxial Cable



PRODUCT DATA SHEET

RG 405/U Coaxial Cable is 50 Ohm , used in a variety of applications, including microwave and other high frequency, interconnect RF equipment, military communications.



Design Number 10316
Part Number 32014138
Customer Number N/A

CONSTRUCTION

Conductor: Silver plated copper clad steel
Conductor Size: Solid, 0.53mm
Insulation Material: PTFE
Insulated Diameter: 1.68mm (Nom.)
Outer Conductor: Tin plated copper, tin soaked
Overall Diameter: 2.17±0.05mm

MECHANICAL CHARACTERISTICS

Operating Temperature (°C): -65°C to +150°C
Min Bending Radius Static: 6mm
Min Bending Radius Sepeated: 2mm

RoHS Compliance: European Directive 2015/863/EU

ELECTRICAL CHARACTERISTICS

Max. Operating Voltage (VMS): 2000
Capacitance: 98 pF/m (Nom.)
Impedance: 50±2 Ohm (Nom.)
Velocity: 70%
Max. Operating Frequency: 60 GHz
Time Delay: 4.7ns/m

Attenuation@200°C and Sea Level, Power:

Frequency (GHz)	Attenuation (dB/m)	Power (Watts CW)
0.5	0.49	338
1	0.72	219
2	1.07	142
3	1.34	110
5	1.80	80
10	2.67	52
18	3.73	36

Application: Microwave and other high frequency applications, Interconnect RF equipment, Radar equipment, Military communications.

All trademarks are property of their respective owners. All specifications are subject to change.

Revision History		
00	2020/09/28	Initial release
Created L. Jian	Approved A. Huang	

Bristol | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK

Frankfurt | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf

Milwaukee | 5001 South Towne Dr. New Berlin, WI 53151 USA

Suzhou | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122

