

RG 316 Double Braid

RG 316 coax cable can be used in a direct burial, radiofrequency and telecommunications applications. Often used for the transmission of radio frequency signals.

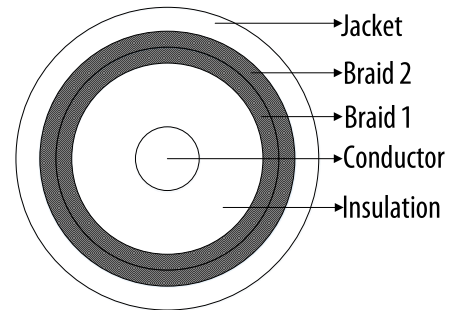
Design Number 10318
Part Number 32051629
Customer Number N/A

CONSTRUCTION

Conductor: Silver plated copper clad steel
Conductor Size: 7/0.17mm
Insulation Material: PTFE, Neutral
Insulated Diameter: 1.52mm (Nom.)
Braid 1: Silver plated copper, coverage min 85%
Braid 2: Silver plated copper, coverage min 85%
Jacket Material: FEP
Overall Diameter: 2.90mm
Jacket Color: Brown

MECHANICAL CHARACTERISTICS

Operating Temperature (°C): -55°C to +200°C
Bending Radius: 15mm
RoHS Compliance: European Directive 2015/863/EU



ELECTRICAL CHARACTERISTICS

Max. Operating Voltage (VMS): 1200
Capacitance: 96.45 pF/m (Nom.)
Impedance: 50 Ohm (Nom.)
Velocity: 70%
Max. Operating Frequency: 3000 MHz

Attenuation (Typical)

Frequency (MHz)	Attenuation (dB/100m)
100	≤27.51
400	≤55.76
1000	≤89.88
3000	≤160.86
4000	≤178.24

Application: Used in wireless communication, broadcast and military equipment. Good choice for applications in demanding environments or with minimal installation space.

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Revision History		
00	2020/11/10	Initial release
Created L. Jian	Approved A. Huang	

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