

RG302

High performance 75ohm flexible coaxial cable

Ver A/0 Release Date Match, 2018



P/N: 3302

Features&Benefits

- 70%Vp PTFE+ Single TPC Wire Braiding
- Low loss, Flexible, Low Cost
- Equivalent to
- Replace to



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.64	±0.01	Silver Plated Copper
2	Dielectric	3.71	±0.05	Extruded PTFE
3	Outer conductor	4.29	±0.05	Silver Plated Copper Shield
4	Outer conductor	5.13	±0.05	Fluorinated Ethylene Propylene(FEP) Brown or Transparent Color

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	25	RoHS	Compliant
Bend Radius:repeated (mm)	52		
Weight (g/m)	/ max.		
Temp, Operating&Installation (°C)	-55~200(FEP)		
Temp, Storage (°C)	-55~200(FEP)		

Electrical Specifications

Characteristic Impedance(ohm)	75±3	Time delay	4.7
Capacitance(pF/m)	69.5	Max Working Power(Vrms)	3000
Velocity ratio(%)	70	Shielding Effect(dB @1GHz)	> 60
Max.operating frequency(GHz)	3		

Attenuation (Typical@25°C&VSWR=1.0) &Power (VSWR=1.0;40°C;Sea Level)

Frequency MHz	100	400	1000	3000
dB/100 m	105.0	217.0	354.0	666.0
Avg.Power kW				

Maximum attenuation is 10% higher.

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