

RG393

High performance 50ohm flexible coaxial cable

Ver A/0 Release Date Match, 2018



P/N: 3393

Features&Benefits

- 70%Vp PTFE+ Single TPC Wire Braiding
- Low loss, Flexible, Low Cost
- Equivalent to SFF-50-7-1
- Replace to



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	2.376 (7*0.792)	±0.01	Silver Plated Copper
2	Dielectric	7.25	±0.08	Extruded PTFE
3	Outer conductor	7.85	±0.10	Silver Plated Copper Shield
5	Jacket	9.2	±0.15	Fluorinated Ethylene Propylene(FEP) Black or Customerize

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	46
Bend Radius:repeated (mm)	95
Weight (g/m)	195 max.
Temp, Operating&Installation (°C)	-55~200(FEP)
Temp, Storage (°C)	-55~200(FEP)

RoHS

RoHS Compliant

Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	101	Max Working Power(Vrms)	3000
Velocity ratio(%)	70	VSWR(DC~6GHz)	≤1.30
Max Working Freq.(GHz)	6	Shielding Effect(dB @1GHz)	> 60

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

Frequency MHz	100	400	900	1000	1800	2400	3000	5000	6000
dB/100 m	7.0	14.0	22.0	24.0	32.0	40.0	48.0	64.0	72.0
Avg.Power kW	4.600	2.440	1.697	1.550	1.150	1.000	0.895	0.696	0.633

Maximum attenuation is 10% higher.

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