

RG265

High performance 50ohm flexible coaxial cable

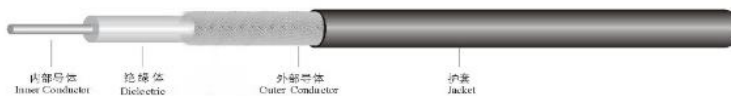
Ver A/0 Release Date May, 2020



P/N: 3265

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	0.53	±0.01	Silver Plated Copper
2	Dielectric	1.68	±0.05	Extruded PTFE
3	Outer conductor	2.17 (5*0.1*16)	±0.05	Tinned Copper Shield
4	Jacket	2.65	±0.05	Fluorinated Ethylene Propylene(FEP) Black FEP

Mechanical&Environmental Specifications

RoHS

Bend Radius:installation (mm)	14	RoHS	Compliant
Bend Radius:repeated (mm)	27		
Weight (g/m)	17 max.		
Temp, Operating&Installation (°C)	-55~200(FEP)		
Temp, Storage (°C)	-55~200(FEP)		

Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	98	Max Working Power(Vrms)	3000
Velocity ratio(%)	70	VSWR(DC~6GHz)	≤1.20
Cutoff frequency(GHz)	18	Shielding Effect(dB @1GHz)	> 60

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

Frequency MHz	500	1000	2000	3000	5000	8000	10000	15000	18000
dB/100 m	52.0	76.0	113.0	141.0	190.0	248.0	281.0	354.0	392.0
Avg.Power kW	0.338	0.219	0.142	0.110	0.080	0.060	0.052	0.040	0.036

Maximum attenuation is 10% higher.

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Rev: A/0

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