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Customer:
P/N:

SPH-3-RF0.81

**SPECIFICATION
FOR
RF-0.81 COAXIAL CABLE**

Prepared	Checked	Approved
Isabella Aug. 11, 20	Michael Aug. 11,20	Michael Aug. 11, 20

1. Scope:

This specification covers FEP insulated and PFA jacketed High-Frequency coaxial cable for internal wiring of electronic equipment.

USE: Internal wiring of Class 2 Circuits of Electronic Equipment.

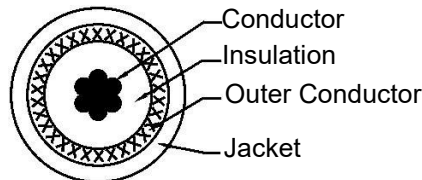
2. Construction:

Item	Unit	Spec. Value
Conductor	Material	---
	Construction	No./mm
	Dia.(approx)	mm
Insulation	Material	---
	Nom. Thickness	mm
	Dia.(approx)	mm
	Color	---
Outer Conductor	Type	---
	Material	---
	construction	Carrier×Ends×mm
	Dia.(approx)	mm
Jacket	Material	---
	Nom. Thickness	mm
	Color	---
	Dia.(approx)	mm

3. Characteristics:

Test Item	Unit	Specified Value	Note
Appearance	-	Faultless in visible	-
Conductor resistance (@20°C)	Ω/km	Max.1400	-
Insulation resistance (@20°C)	MΩ-km	Min.1000	-
Dielectric strength	Dielectric core	-	No breakdown at AC 1.5KV/0.15sec.
	Jacket	-	No breakdown at AC 1.5KV/0.15sec.
	Finished cable	V/min	No breakdown at AC 1000V/1min
Capacitance	pF/m	Nominal 97	At 1KHz
Characteristic impedance	Ω	50±4	TDR @ 1.0 ns
Attenuation (Nom.**)	dB/m	3.6	1.0 GHz
		5.1	2.0 GHz
		6.2	3.0 GHz
		7.2	4.0 GHz
		8.1	5.0 GHz
		8.9	6.0 GHz

** Max. value=Nom. Value x 1.15



Cross-section of cable

4. Packing

500M/Bobbin or upon your request