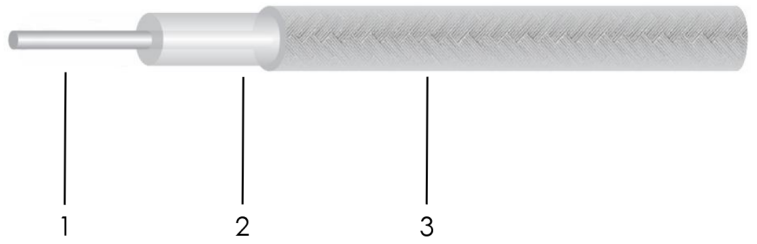


SUCOFORM_86_FEP Coaxial cable 50Ω

产品特点

- 70%Vp PTFE介质+浸锡铜丝编织
- 低损耗，半柔性，极佳的屏蔽性能
- 等同于
- 可替换

Flexiform 085



结构尺寸

结构	尺寸 (mm)	公差	材料
1 中心导体	0.53	±0.01	镀银铜包钢或镀银铜
2 电介质	1.68	±0.05	挤出PTFE
3 外导体	2.17	±0.05	浸锡铜丝编织

机械与环境性能

弯曲半径, 最小安装(mm)	6
弯曲半径, 重复弯曲(mm)	20
重量(g/m)	18 max.
温度范围, 安装与使用(°C)	-65~165
温度范围, 储存(°C)	-65~165

环保

RoHS 满足

电气性能

特性阻抗(ohm)	50±2	Time delay/延时(ns/m)	4.7
静电容(pF/m)	98	最大工作电压(Vrms)	2000
传输速率(%)	70	屏蔽性能(dB)	> 100
截止频率 (GHz)	60	编织密度(%)	≥ 100

衰减值 (典型值@25°C&VSWR=1.0) 与传输功率值 (典型值@40°C&一个标准大气压下)

频率 MHz	500	1000	2000	3000	5000	8000	10000	15000	18000
dB/100 ft	14.95	21.96	32.64	40.87	54.90	71.98	81.44	102.79	113.77
dB/100 m	49.0	72.0	107.0	134.0	180.0	236.0	267.0	337.0	373.0
平均功率 KW	0.338	0.219	0.142	0.110	0.080	0.060	0.052	0.040	0.036

最大衰减高出10%

RFS-086-50

High performance 50ohm semi flexible coaxial cable

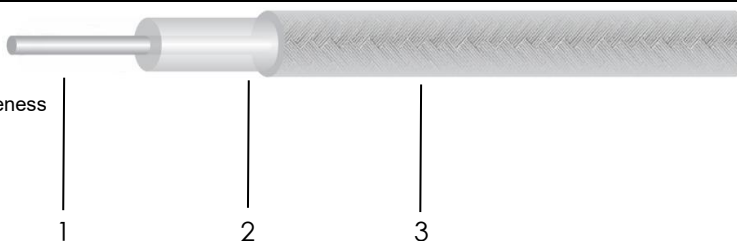
Ver A/0 Release Date Match, 2015



P/N: 308650

Features&Benefits

- 70%Vp PTFE+Tin Soaked Copper Braid
- Ultra-low loss,Semi Flexible High Shield Effectiveness
- Equivalent to UT-085-FORM
- Replace to PE-SR085FL
Flexiform 085



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.53	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	1.68	±0.05	Extruded PTFE
3	Outer conductor	2.17	±0.05	Soaked Tinned Copper Shield

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	6
Bend Radius:repeated (mm)	20
Weight (g/m)	18 max.
Temp, Operating&Installation (°C)	-65~165
Temp, Storage (°C)	-65~165

RoHS

RoHS Compliant

Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	98	Max Working Power(Vrms)	2000
Velocity ratio(%)	70	Shielding Effectiveness(dB)	>100
Cutoff frequency(GHz)	60	Shields Coverage(%)	≥100

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 ft	14.95	21.96	32.64	40.87	54.90	71.98	81.44	102.79	113.77
dB/100 m	49.0	72.0	107.0	134.0	180.0	236.0	267.0	337.0	373.0
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.

Defined by: Luke

Prepared by: Eric

Approved by: K.F. Lu

Rev: A/0

Shenzhen RFcoms Technology Co.,LTD

Website: www.rfcoms.com

Tell: +86 13480725660 Fax:+86-755-28908582

Email: luke@rfcoms.com

The rights of technical information provided on this sheet belongs to RFcoms. Contents cannot be distributed to other third-party companies without permission.The specifications are subjected to change without prior notice