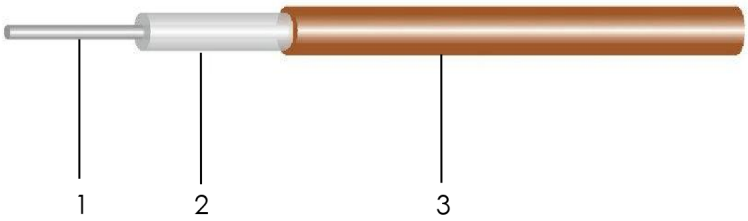
086 Semi-rigid Coax Cable with Copper Outer Conductor

产品特点

- 70%Vp PTFE介质+裸铜管
- 低损耗，极佳的屏蔽性能
- 等同于
- 可替换



结构尺寸

	结构	尺寸（mm）	公差	材料	
1	中心导体	0.52	±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	2.20	±0.05	裸铜管	RFSG-086-50BC
				镀锡铜管	RFSG-086-50TC
				镀三元铜管	RFSG-086-50ZTP

机械与环境性能

弯曲半径，最小安装(mm)	10
弯曲半径，重复弯曲(mm)	22
重量(g/m)	22 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@60 Hz)	5400
传输速率(%)	70	屏蔽性能(dB@1GHz)	>110
截止频率（GHz）	61		

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	5000	10000	18000	26500	40000	50000
dB/100 Ft	13.6	19.5	46.0	67.4	94.3	118.3	151.5	173.8
dB/100 m	44.6	64.0	150.9	221.1	309.4	388.1	497.0	570.2
平均功率 KW	0.190	0.133	0.057	0.039	0.028	0.023	0.018	0.016

最大衰减高出10%

RFSG-086-50

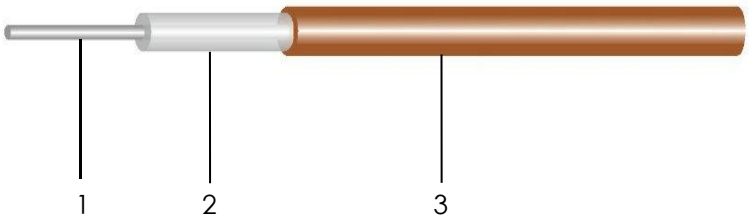
High performance 50ohm seimi rigid coaxial cable

Ver A/0 Release Date Match, 2015

P/N: 208650

Features&Benefits

- 70%Vp PTFE + Copper tube
- Ultra-low loss, High shield effectiveness
- Equivalent to UT-085
- Replace to PE-086SR



Construction Specification

	Description	Size（mm）	Tol.	Materials
1	Center conductor	0.52	±0.01	Silver Plated Copper or Clad Steel
2	Dielectric	1.68	±0.05	Extruded PTFE
3	Outer conductor	2.20	±0.05	Bare Copper Tube
				Tinned Seamless annealed copper
				Zinc & Tinned plated copper

Mechanical&Environmental Specifications

Bend Radious:installation (mm)	10
Bend Radious:repeated (mm)	22
Weight (g/m)	22 max.
Temp, Operating&Installation (ºC)	-65～165
Temp, Storage (ºC)	-65～165

RoHS

RoHS	Compliant

Electrical Specifications

Characteristic Impedance(ohm)	50±2	Time delay	4.7
Capacitance(pF/m)	98	Max Working Power(Vrms@60 Hz)	5400
Velocity ratio(%)	70	Shielding Effectiveness(dB@1GHz)	＞110
Cutoff frequency(GHz)	61		

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

Frequency MHz	500	1000	5000	10000	18000	26500	40000	50000
dB/100 Ft	13.6	19.5	46.0	67.4	94.3	118.3	151.5	173.8
dB/100 m	44.6	64.0	150.9	221.1	309.4	388.1	497.0	570.2
Avg.Power KW	0.190	0.133	0.057	0.039	0.028	0.023	0.018	0.016

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