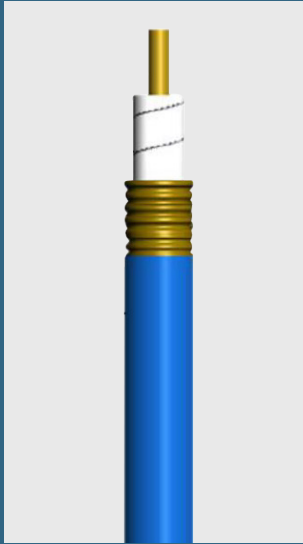




CBL-RFI-SF250PL

1/4" Superflexible, Low Loss, Low PIM
Plenum-Rated Cable



Cross Reference to:
SPP™-250-LLPL

<-160 dBc PIM for
optimal performance

Corrugated copper
outer conductor
provides ≥ 100dB of
shielding

76%Vp PTFE Tape

For indoor and
outdoor use

UL Listed, Type CMP



RF Industries

(NASDAQ: RFI)

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(858) 549-6340

Fax: (858) 549-6345

rfi@rfindustries.com

www.rfindustries.com

ELECTRICAL CHARACTERISTICS

Maximum Frequency 6000 MHz
Characteristic Impedance 50 Ohm
Capacitance 26.7 pF/ft
Velocity of Propagation 76%
Voltage Withstanding 2000 Volts DC
Passive Intermodulation (PIM) ≥160 dBc
(2*43 dBm)
Shielding Effectiveness >100 dB

MECHANICAL PROPERTIES

Minimum Bending Radius
Multiple Bends 2.795"
Single Bend 1.259"
Tensile Strength 150 lbs
Flat Plate Crush 100 lbs/in
Bending Movement 0.8 ft-lbs

ENVIRONMENTAL SPECIFICATIONS

Rated Temperature

Operating -67 / +392° F
Installation -67 / +392° F
Storage -85 / +392° F

UL Listed Type CMP

Compliant RoHS

CONSTRUCTION

Cable Weight 70 lbs/1000 ft
Inner Conductor Solid Copper
Conductor Diameter 0.068"
Dielectric LD PTFE
Diameter 0.188"
Outer Conductor Corrugated Copper
Conductor Diameter 0.25"
Jacket FEP
Outer Diameter 0.279"
Color Blue

ATTENUATION AND AVERAGE POWER

Frequency, MHz	Attenuation, dB/100ft	Max Power, kW
450	4.16	2.22
600	4.28	1.92
700	4.78	2.02
850	5.80	1.63
900	5.93	1.56
1900	8.70	1.06
2100	9.17	1.02
2500	10.04	0.92
3500	11.95	0.78
4500	13.17	0.69
4900	14.20	0.65
5800	15.60	0.60
6000	16.10	0.58

ROHS GUIDELINES

Cadmium (Cd) <0.01%	Chromium (VI) <0.1%
Lead (Pb) <0.1%	Polybrominated Biphenyls (PBB) <0.1%
Mercury (Hg) <0.1%	Polybrominated Diphenyl Ether (PBDE) <0.1%