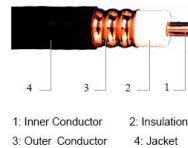


# 1/2" Coaxial Feeder Cable

## CL-CF12CNF/CFR



### Specifications

Electrical		
Frequency Range- [GHz]		DC~3
Nominal Impedance - [ $\Omega$ ]		50 $\pm$ 1
Capacitance - [pF/m]		75.8
Inductance - [ $\mu$ m]		0.19
Propagation Velocity - [%]		88
DC Breakdown voltage - [KV]		4.0
Insulation Resistance –[M $\Omega$ .km]		5000
Peak Power–[kW]		40
Screening Attenuation - [dB]		120
Cut-off Frequency- [GHz]		8.8
VSWR, Max		
690~1000MHz		1.15
1700~2200MHz		1.15
2300~2400MHz		1.15
2500~2700MHz		1.15
Frequency Range	Attenuation - [@20°C, dB/100m]	
100MHz		2.17
450MHz		4.75
690MHz		5.97
800MHz		6.46
900 MHz		6.85
1000 MHz		7.28
1800 MHz		10.10
2000 MHz		10.70
2200MHz		11.24
2400MHz		11.78
2500 MHz		12.06
2600MHz		12.34
2700MHz		12.61
3000 MHz		13.40
* Maximum attenuation value shall be 105% of the nominal attenuation value.		

Mechanical & Environmental		
Diameter Over Inner Conductor – [mm]		4.80 $\pm$ 0.05
Diameter Over Insulation – [mm]		12.20 $\pm$ 0.30
Diameter Over Outer Conductor – [mm]		13.80 $\pm$ 0.20
Diameter Over Jacket – [mm]		15.80 $\pm$ 0.20
Minimum Bending radius, Single Banding-[ mm]		70
Operating Temperature - [°C]		-40~ +85

Material		
1. Inner Conductor		Copper Clad Aluminum Wire
2. Insulation		Physically Foamed PE
3. Outer Conductor		Ring Corrugated Copper
4. Jacket	CL-CF12CNF :PE CL-CF12CFR :fire-retardant PE, Halogen Free, meet standard: IEC-60754-1	

### Product Order Information

Model	ERP Code
CL-CF12CNF	100604-000008-03
CL-CF12CFR	100604-000062-03

\*The above specification is subject to change without prior notice.