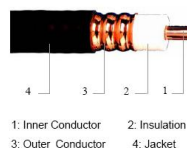


## CL-CF78CNF/CFR



### Specifications

Electrical	
Frequency Range - [GHz]	DC~3
Nominal Impedance - [ $\Omega$ ]	50 $\pm$ 1
Inductance- [ $\mu$ m]	0.187
Capacitance - [pF/m]	75
Propagation Velocity - [%]	88
DC Breakdown voltage - [KV]	6.0
Insulation Resistance –[M $\Omega$ .km]	5000
Peak Power–[kW]	91
Screening Attenuation - [dB]	120
Cut-off Frequency- - [GHz]	5.5
VSWR, Max	1.15
690~1000MHz	1.15
1700~2200MHz	1.15
2300~2400MHz	1.15
2500~2700MHz	1.15
Frequency Range	Attenuation - [@20°C, dB/100m]
100MHz	1.19
450MHz	2.65
690MHz	3.35
800MHz	3.63
900 MHz	3.88
1000 MHz	4.12
1800 MHz	5.75
2000 MHz	6.11
2200MHz	6.45
2400MHz	6.79
2500 MHz	6.95
2600MHz	7.12
2700MHz	7.28
3000 MHz	7.76

\* Maximum attenuation value shall be 105% of the nominal attenuation value.

Mechanical & Environmental	
Diameter Over Inner Conductor – [mm]	8.80 $\pm$ 0.10
Diameter Over Insulation – [mm]	22.50 $\pm$ 0.40
Diameter Over Outer Conductor – [mm]	24.90 $\pm$ 0.30
Diameter Over Jacket – [mm]	27.30 $\pm$ 0.20
Minimum Bending radius, Single Banding-[ mm]	120
Operating Temperature - [°C]	-40~ +85

Material	
1. Inner Conductor	Copper Tube
2. Insulation	Physically Foamed PE
3. Outer Conductor	Ring Corrugated Copper
4. Jacket	CL-CF78CNF : PE CL-CF78CFR : fire-retardant PE, Halogen Free, meet standard: IEC-60754-1

### Product Order Information

Model	ERP Code
CL-CF78CNF	100604-000020-03
CL-CF78CFR	100604-000060-03

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