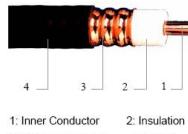


1/2" Coaxial Feeder Cable

Comba

CL-CF12CNF/CFR



1: Inner Conductor 2: Insulation
3: Outer Conductor 4: Jacket

Specifications

Electrical

Frequency Range- [GHz]	DC~3
Nominal Impedance - [Ω]	50±1
Capacitance - [pF/m]	75.8
Inductance - [μm]	0.19
Propagation Velocity - [%]	88
DC Breakdown voltage - [KV]	4.0
Insulation Resistance - [MΩ.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±0.05
Diameter Over Insulation – [mm]	12.20±0.30
Diameter Over Outer Conductor – [mm]	13.80±0.20
Diameter Over Jacket – [mm]	15.80±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.