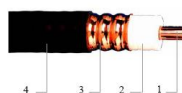


1/2" Super-flexible Coaxial Feeder Cable

CL-CS12CNF/CFR



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

Specifications

Electrical	
Frequency Range - [GHz]	DC~3
Nominal Impedance - [Ω]	50 \pm 1
Capacitance - [pF/m]	82
Inductance- [μ m]	0.205
Propagation Velocity - [%]	81
DC Breakdown voltage - [KV]	2.5
Insulation Resistance -[M Ω .km]	5000
Peak Power-[kW]	15.6
Screening Attenuation - [dB]	120
Cut-off Frequency- [GHz]	10.2
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	3.41
450MHz	7.59
690MHz	9.58
800MHz	10.40
900 MHz	11.20
1000 MHz	11.80
1800 MHz	16.60
2000 MHz	17.60
2200 MHz	18.61
2400 MHz	19.59
2500 MHz	20.07
2600 MHz	20.55
2700 MHz	21.02
3000 MHz	22.40

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

Mechanical & Environmental	
Diameter Over Inner Conductor – [mm]	3.55 \pm 0.04
Diameter Over Insulation – [mm]	9.20 \pm 0.20
Diameter Over Outer Conductor – [mm]	12.00 \pm 0.20
Diameter Over Jacket – [mm]	13.60 \pm 0.20
Minimum Bending radius, Single Banding-[mm]	25
Operating Temperature - [°C]	-40~ +85

Material	
1. Inner Conductor	Copper Clad Aluminum Wire
2. Insulation	Physically Foamed PE
3. Outer Conductor	Helically Corrugated Copper
4. Jacket	CL-CS12CNF : PE CL-CS12CFR : fire-retardant PE, Halogen Free, meet standard: IEC-60754-1

Product Order Information

Model	ERP Code
CL-CS12CNF	100604-000064-03
CL-CS12CFR	100604-000089-03

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