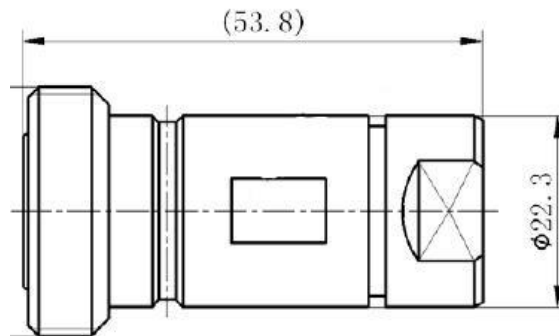


DIN Type Connector for 1/2" Coaxial Cable

CN-DF-CF12



Specifications

Electrical	
Nominal Impedance - [Ω]	50
Operating Frequency – [GHz]	DC~3
Inner Conductor Contact Resistance - [m Ω]	≤ 1.0
Outer Conductor Contact Resistance - [m Ω]	≤ 0.4
Dielectric Resistance - [M Ω]	≥ 5000
Withstanding Voltage - [V]	≥ 2500
Insertion Loss – [dB]	≤ 0.1
VSWR	≤ 1.10
3rd Order Inter-modulation (PIM3) – [dBc] (@900MHz with 2x43dBm Carriers)	≤ -150

Mechanical	
Interface Durability, number of cycles	500
Connector Type	DIN Female
Outer Conductor Material	Brass, Tri-Alloy Plated
Inner Conductor Material	Brass/ Phosphor Bronze, Ag Plated
Gasket Material	Silicon Rubber
Insulator Material	PTFE

Environmental	
Operating Temperature - [$^{\circ}\text{C}$]	-40 ~ +85

Product Order Information

Model	ERP Code
CN-DF-CF12	100502-000227-45

*The product appearance and dimension is subject to change without prior notice.