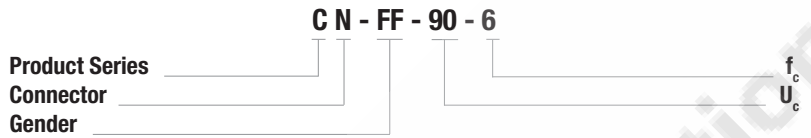


RF Equipment Protection up to 6GHz

Novaris gas discharge surge protectors are capable of passing RF signals to 6GHz (limited by connector type). N-type female / female protectors are suitable for bulkhead mounting.



CN-MF-90-6

CN-FF-90-6

CN-MF-230-6

CN-FF-230-6

Electrical Specifications			
Connection type		Series	
Modes of protection		Signal-Earth	
Sparkover voltage	U _c	90VDC	230VDC
Maximum discharge current (8/20µs)	I _{max}	20kA	
Power rating		0 - 40W	40 - 125W
Maximum working frequency	f _c	6GHz	
Voltage protection level @ 3kA (8/20µs)	U _p	<650V	<820V
Impulse durability		C2 8/20µs, 5kA, 10 times	
Overstressed fault mode		Mode 3 (open circuit)	
Characteristic impedance		50Ω	
VSWR		<1.1:1	
Return loss		>26dB	
Insertion loss		<0.2dB	

Mechanical Specifications			
Operating temperature / humidity	-40 to +85°C / 5 to 95% non-condensing		
Connection type	N-type		
Connection orientation	M / F	F / F	M / F F / F
Mounting	Inline / bulkhead		
Maximum bulkhead thickness	9mm		
Environmental	IP 55		
Enclosure / colour	Brass / Nickel Plated		
Weight	160g		

Standards Compliance

ITU-T K.44
AS/NZS 1768
IEEE C62.41
IEC 61643-21
UL497B

Dimensions			
Width	26mm		
Height	26mm		
Maximum length	62mm	69mm	62mm 69mm