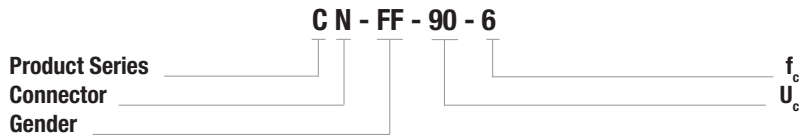


RF Equipment Protection up to 6GHz

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 (8/20 μ s)	I_{max}	20kA		
Power rating		0 - 40W	40 - 125W	
Maximum working frequency	f_c	6GHz		
Voltage protection level @ 3kA (8/20 μ s)	U_p	<650V	<820V	
Impulse durability		C2 8/20 μ s, 5kA, 10 times		
Overstressed fault mode		Mode 3 (open circuit)		
Characteristic impedance		50 Ω		
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			

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

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