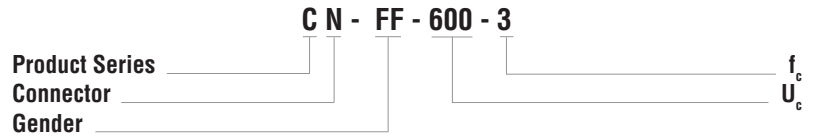


## RF Equipment Protection up to 3GHz

Novaris gas discharge surge protectors are capable of passing RF signals to 3GHz (limited by connector type). N-type female / female protectors are suitable for bulkhead mounting.



CN-MF-600-3

CN-FF-600-3

CN-MF-1000-3

CN-FF-1000-3



Electrical Specifications				
Connection type		Series		
Modes of protection		Signal-Earth		
Sparkover voltage	$U_c$	600VDC	1000VDC	
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	20kA		
Power rating		300 - 800W	800 - 1000W	
Maximum working frequency	$f_c$	3GHz		
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<1.3kV	<1.5kV	
Characteristic impedance		50 $\Omega$		
VSWR		<1.1:1		
Return loss		>26dB		
Insertion loss		<0.2dB		

Mechanical Specifications				
Operating temperature / humidity	-40 to +85°C / 0 to 90% 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 / silver			
Weight	160g			

Dimensions				
Width	26mm			
Height	26mm			
Maximum length	65mm	72mm	65mm	72mm

### Standards Compliance

ITU-T K.44
AS/NZS 1768
IEEE C62.41
BS 6651
CP 33
IEC 61643-21
UL497B