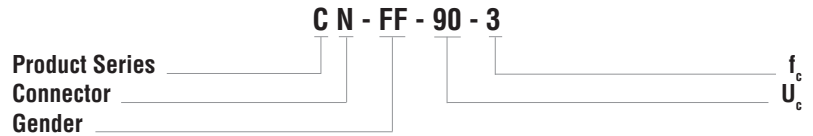


RF Equipment Protection up to 3GHz

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-90-3

CN-FF-90-3

CN-MF-230-3

CN-FF-230-3

CN-MF-350-3

CN-FF-350-3



Electrical Specifications							
Connection type		Series					
Modes of protection		Signal-Earth					
Sparkover voltage	U_c	90VDC	230VDC			350VDC	
Maximum discharge current (8/20 μ s)	I_{max}	20kA					
Power rating		0 - 40W	40 - 125W			125 - 300W	
Maximum working frequency	f_c	3GHz					
Voltage protection level @ 3kA (8/20 μ s)	U_p	<650V	<820V			<1.1kV	
Characteristic impedance		50 Ω					
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	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	65mm	72mm

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