

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.



C N - FF - 90 - 6



CN-MF-90-6

CN-FF-90-6

CN-MF-230-6

CN-FF-230-6

CN-MF-350-6

CN-FF-350-6



Electrical Specifications		CN-MF-90-6	CN-FF-90-6	CN-MF-230-6	CN-FF-230-6	CN-MF-350-6	CN-FF-350-6
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	6GHz					
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 / 5 to 95% 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	69mm

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