



### RF Equipment Protection Tuned Stub

Novaris tuned stub surge protectors employ quarter-wavelength short circuit stub technology. Suitable for narrow bandwidth applications where no DC voltage is injected. RF power and surge rating are limited by the cables and connectors only.

#### CSTUB - N - MF - 2400

Product Series \_\_\_\_\_ Gender  $t_f$   
 Connector \_\_\_\_\_

CSTUB-D-MF-900	CSTUB-D-FF-900	CSTUB-N-MF-900	CSTUB-N-FF-900	CSTUB-D-MF-2400	CSTUB-D-FF-2400	CSTUB-N-MF-2400	CSTUB-N-FF-2400
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Electrical Specifications		
Connection type		Series
Modes of protection		Signal-Earth
Maximum discharge current (8/20 $\mu$ s)	$I_{max}$	50kA
Power rating		Limited only by connectors and cables used.
Tuned frequency range	$t_f$	400MHz to 3GHz (specify)
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$	<20V
Characteristic impedance		50 $\Omega$
Bandwidth		$\pm$ 10% of tuned frequency
VSWR		<1.1:1 within bandwidth
Return loss		>26dB within bandwidth
Insertion loss		<0.1dB at tuned bandwidth

Mechanical Specifications		
Operating temperature / humidity	-40 to +85 $^{\circ}$ C / 5 to 95% non-condensing	
Connection type	7/16 DIN	N-type
Connection orientation	M / F    F / F	M / F    F / F
Mounting	Inline	
Maximum bulkhead thickness	9mm	
Environmental	IP 55	
Enclosure / colour	Brass / silver	

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

Dimensions		
Body diameter	32mm	
Height	Depends upon operating frequency	
Maximum length	63mm	60mm
	56mm	54mm
	63mm	60mm
	56mm	54mm