



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HRS Coaxial Lightning Arrester

CP Series

◆ Features

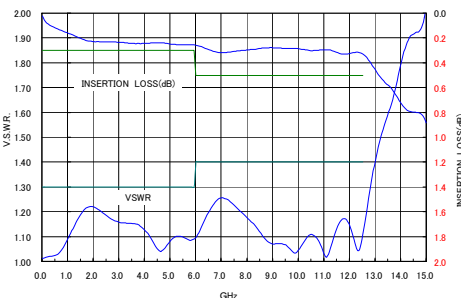
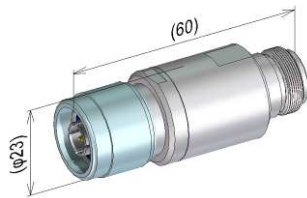
1. Prevents damage to coaxial antenna power line caused by dielectric lightning
2. Variations available
 - Technology types: Quarter wave short-circuit stub, Coil, Gas discharge tube (GDT), Semiconductor*
 - Interface types: N, SMA, TNC, BNC, U.FL etc.
3. Covers wide frequency range: DC to 12.5 GHz (with GDT type)
4. RoHS compliant



*Development will be studied upon request.

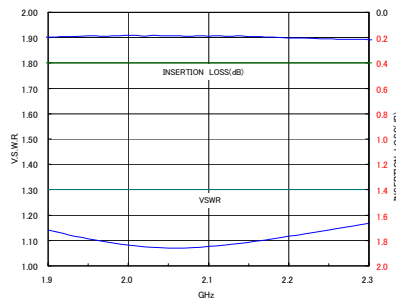
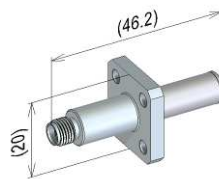
◆ Gas Discharge Tube Type (CP-N-PJG-3)

N Plug to N Jack



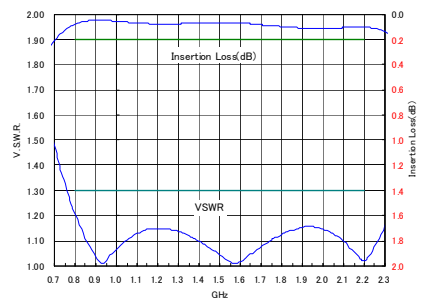
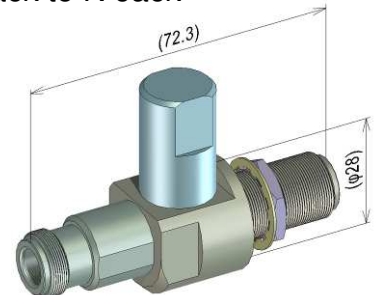
◆ Coil Type (CP-HRMJU.FLJC-1A)

SMA Jack to U.FL Jack



◆ Quarter Wave Short-circuit Stub Type (CP-N-JJS-1)

N Jack to N Jack



Item	CP-N-PJG-3	CP-HRMJU.FLJC-1A	CP-N-JJS-1
Lightning Arrester Type	Gas Discharge Tube (GDT)	Coil	Quarter Wave Short-circuit Stub
Connector	N Plug to N Jack	SMA Jack to U.FL Jack	N Jack to N Jack
Characteristic Impedance	50 Ω	50 Ω	50 Ω
Frequency Range	DC to 12.5 GHz	2.12 to 2.17 GHz	0.8 to 2.2 GHz
Operating Temperature Range	-40 °C to +70 °C	-40 °C to +85 °C	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +70 °C	-40 °C to +85 °C	-40 °C to +85 °C
Power	2 W	1 W	100 W
V.S.W.R.	1.30 Max. (DC to 6 GHz)	1.30 Max.	1.30 Max.
Insertion Loss	0.3 dB Max. (DC to 6 GHz)	0.4 dB Max.	0.2 dB Max.
DC Breakdown Voltage (100V/s)	150 V to 500 V	-	-
Impulse Breakdown Voltage (1kV/μs)	700 V Max.	-	-
Impulse Max. Peak Current	8/20 μs • 2kA	8/20 μs • 2kA	8/20 μs • 5 kA
Insulation Resistance (DC100V)	1,000 MΩ	-	-

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.