



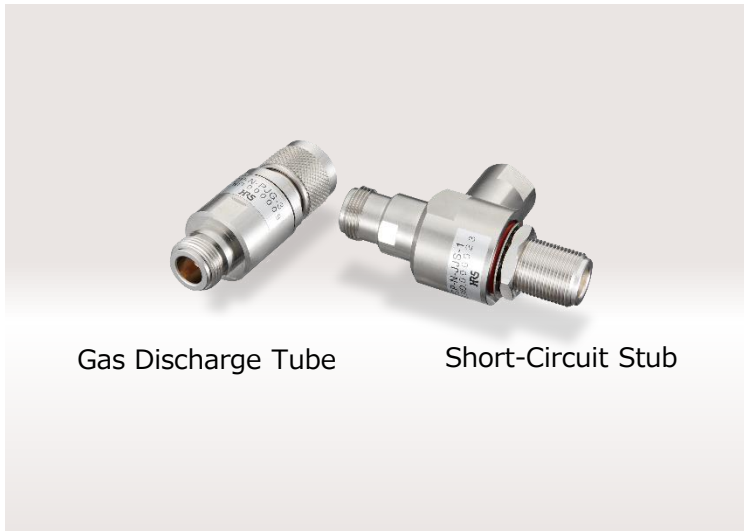
Coax Arrestor



Wide Variation



Wide Range



Gas Discharge Tube

Short-Circuit Stub

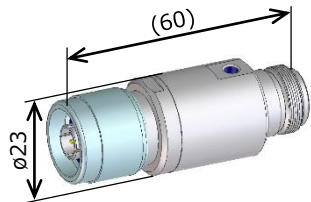
Features

- 1 Prevents damage to coaxial antenna power line caused by lightning surge
- 2 Wide range of variations
 - Technology types : Quarter Wave short-circuit stub, Gas Discharge Tube (GDT)
 - Interface : N and BNC
- 3 Covers wide frequency range : Up to 12.5GHz (GDT type)
- 4 IEC·JIS compliant

Dimensions

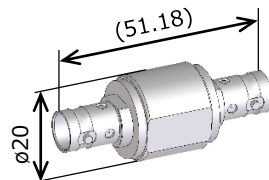
GDT Technology

(CP-N-PJG-3)
N Plug – N Plug

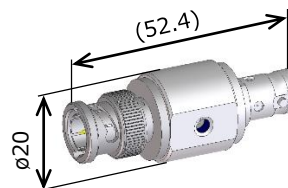


GDT Technology

(CP-BNC75-JJG-3)
BNC75 Jack – BNC75 Jack

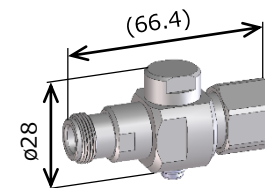


(CP-BNC75-PJG-3)
BNC75 Plug – BNC75 Jack

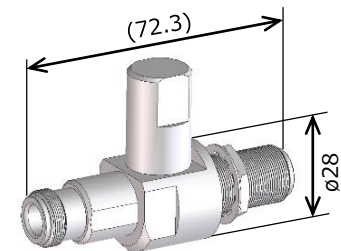


Quarter Wave Short-circuit Stub Technology

(CP-N-PJS-1)
N Plug – N Jack



(CP-N-JJS-1)
N Jack – N Jack



Specifications

| Series | CP-N-PJG-3 | CP-BNC75-JJG-3 CP-BNC75-PJG-3 | CP-N-JJS-1 | CP-N-PJS-1 |
|-------------------------------------|------------------------------------|--|--|---|
| Lightning Surge Arrester Type | GDT | GDT | Quarter Wave Short-Circuit Stub | Quarter Wave Short-Circuit Stub |
| Connector | N Plug – N Jack | BNC75 Jack – BNC75 Jack BNC75 Plug – BNC75 Jack | N Jack – N Jack | N Plug – N Jack |
| Characteristic Impedance | 50Ω | 75Ω | 50Ω | 50Ω |
| Frequency Range | 0 to 12.5GHz | 0 to 3.0GHz | 0.8 to 2.2GHz | 2.4 to 2.6GHz |
| Operating Temperature | -40 to +70°C | -40 to +85°C | -40 to +85°C | -60 to +85°C |
| Storage Temperature | -40 to +70°C | -40 to +85°C | -40 to +85°C | -60 to +85°C |
| Power | 2W | 10W | 100W | 100W |
| V.S.W.R. | 1.3 Max.(0 to 6GHz) | 1.3 Max. | 1.3 Max. | 1.3 Max. |
| Insertion Loss | 0.3dB Max.(0 to 6GHz) | 0.3dB Max. | 0.2dB Max. | 0.3dB Max. |
| DC Breakdown Voltage (100V/s) | 150V to 500V | 152V to 228V | - | - |
| Impulse Voltage(1kV/μs) | 700V Max. | 700V Max. | - | - |
| Impulse Breakdown IEC61000-4-5 | 1.2/50μs, 8/20μs·2kA (5 times)* | - | 1.2/50μs, 8/20μs·2kA (5 times)* | 1.2/50μs, 8/20μs·4kA (5 times)* |
| Impulse Durability JIS C 5381-21 | - | Cate. C2 8/20μs·5kA (5 times)* Cate. D1 10/350μs·1kA (1 times)* | Cate. C2 8/20μs·50kA (5 times)* Cate. D1 10/350μs·35kA (1 times)* | Cate. C2 8/20μs·20kA (5 times)* Cate. D1 10/350μs·2.5kA (1 times)* |

*Positive current/Negative current in each directions
- RoHS Compliant