

# Coaxial arrester



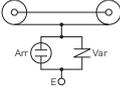
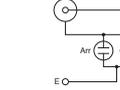
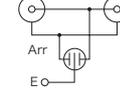
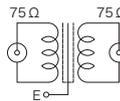
## For protection of coaxial data transmission equipments

New type lightning protector for coaxial cable consisting of coaxial connector and high performance gas-filled surge voltage arrester. By screw of connection ring protector can be connected easily with coaxial cable and equipment. Though small type, the protector has high impulse current withstanding. As the transmission performance, frequency band is wide, VSWR and insertion loss are also excellent.

# Coaxial arrester

## ■ Display type

Mainly used for picture data and ITV (concerning lightning protection for ITV and surveillance camera please see CSA-series).

sort	Display type				Video transformer with shield for TV
Type-name	S-202a	S-204B	S-204N	S-205B	SPR-BT-BJJ-A1
Shape					
Circuit diagram					
Application	for Video, data and ITV				for ITV *1
Sort of connector	BNC type		N type	BNC type	BNC type
Impedance (Ω)	50.75		50	50.75	75
Frequency band	DC ~ 10MHz				20Hz ~ 10MHz
Insertion loss	less than 0.5dB				less than 1.5dB
V.S.W.R	less than 1.1	less than 1.2			—
Response voltage of DC-discharge	DC90V ± 25%				—
Impulse current withstanding	8/20 μ S 5kA				—
External measurements W × H × D mm	91 × 40 × 25*2				77 × 50 × 44

\*1 :Used together with [S-205B]

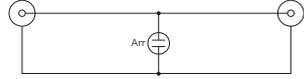
\*2 : Measurements of plug jack type

● Additional type-symbols in □□ mean as follows  
[PJ] : Plug jack  
[JJ] : Both ends with jack

● Circuit symbol  
Arr : Arrester  
Var : Varistor  
E : Grounding terminal

## ■ Feeder type

can be mounted on the various systems mainly for radio-frequency

sort	Feeder type							
Type-name	ARP-B □□ -1 [50]		ARP-N □□ -1 [50]		ARP-M □□ -1	COAX-N □□ -[3G] II	ARCS-FJJ-1 [75]	ARS-FT-R
Shape								
Circuit diagram								
Application	for radio frequency · for receiving				for radio frequency · for high frequency band	for BS · for TV	for CATV	
Sort of connector	BNC type		N type	M type	N type	F type	FT type	
Impedance (Ω)	50	75	50	Unmatched	50	75		
Frequency band	DC ~ 2GHz	DC ~ 200MHz	DC ~ 2GHz	DC ~ 200MHz	DC ~ 3GHz	DC ~ 26Hz	DC ~ 1,000MHz	
Insertion loss	less than 0.2dB				less than 0.5dB			
V.S.W.R	less than 1.2					less than 1.3		
Permissible max. power (voltage)	2W		10W	2W	10W	DC25V	less than AC35V	
Response voltage of DC-discharge	DC90V ± 25%				DC90V ± 25%	DC90V ± 20%	DC90V ± 25%	
Impulse current withstanding	8/20 μ S 10kA							
External measurements W × H × D mm	60 × 26.5 × 20		64 × 26.5 × 20		61 × 26.5 × 20	55 × 21 × 22	60 × 28 × 27	71 × 27 × 27

\*Screw in mm (Screw in inch is on request)

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