Coaxial Arrester

ARR Series

OUT LINE

ARR series protects the device from the surge voltage, utilizing the gas discharge tube.
It prevent the surge voltage from circuits of the base station.

Characteristic Impedance
50 Ω

FEATURES

・ The gas discharge tube is installed.
・ Due to wide frequency band, it can be applied to many applications.
・ The terminal lug is available for grounding.
・ N, TNC and SMA interface are available. Regarding other interface, please contact our sales.

APPLICATIONS

Base Station Antenna, ETC, Wireless LAN

SPECIFICATIONS

Characteristic Impedance	50 Ω
Insulation Resistance	100M Ω (min.) at 100V DC
Contact Resistance	6m Ω (min)
V.S.W.R.	N Type 1.2 max. (DC 〜 6GHz) TNC Type 1.25 max. (DC 〜 6GHz) SMA Type 1.2 max. (DC 〜 3GHz)
Insertion Loss	0.3dB min. (DC 〜 6GHz)
DC Spark-over Voltage	150V min. at 100V /sec.
Impulse Spark-over Voltage	700V max. at 1000V / μ sec.
Surge Rating	10,000 A on 8/20 μ sec. 1 hit
Operating Temperature	-55 〜 +85℃

＊ The specifications are typical but may not apply to all connectors. Please check
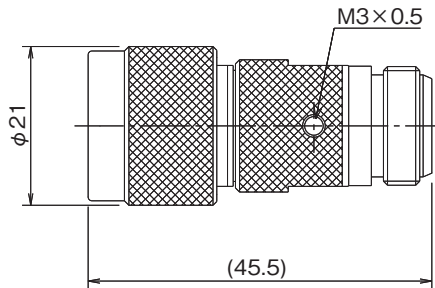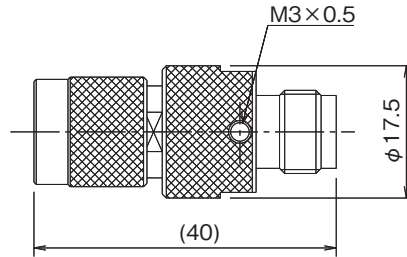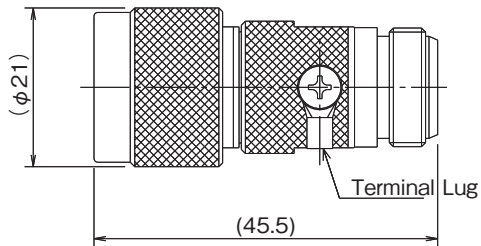   the specifications on each item with its drawing from us when you use.
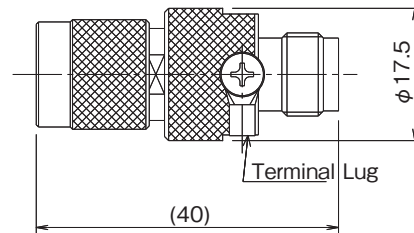
MATERIAL/FINISH

RoHS Compliant

Item	Material / Finish
Contact	Copper Alloy / Au over Ni Plating
Outer Conductor	Copper Alloy / Ni Plating
Insulator	PTFE

▶ Coaxial Arrester

ARR-N-SA-JP-D1-CF

M3×0.5

φ21

(45.5)

ARR-TNC-SA-JP-D1-CF

M3×0.5

φ17.5

(40)

ARR-N-SA-JP-1-D1-CF

(φ21)

Terminal Lug

(45.5)

Applicable Cable of Terminal Lug：AWG16～22

ARR-TNC-SA-JP-1-D1-CF

φ17.5

Terminal Lug

(40)

Applicable Cable of Terminal Lug：AWG16～22

ARR-DM-SA-JP-CF

φ14

(39.3)

◎ Please acknowledge that the specification etc. of this catalog might change by the improvement etc. without a previous notice.
Moreover, the characteristic and the specification of the published product are the reference values.
Please confirm the content with the latest delivery specifications when you use the product.
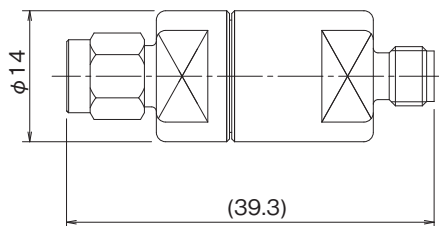
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