

**APPLICATIONS :**

For installation within air conditioning or ventilation ductwork systems to reduce the transmission of airborne ducted noise. Attenuators are suitable for terminal equipment, crosstalk applications or attenuated openings in partitions above ceiling voids.

**SIZE RANGE :**

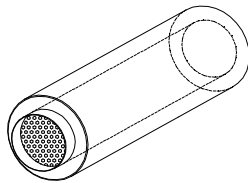
Contact **CAICE** engineers for details or see overleaf.

**TYPICAL AREAS FOR CONSIDERATION:**

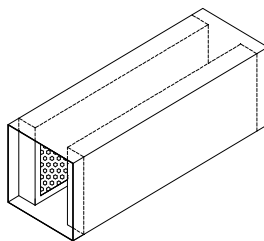
- Common ductwork serving male-female toilets / changing areas, or for privacy between adjacent cellular offices.
- Penetrations in partitions requiring high acoustic performance.
- Broadcasting / recording studios.

**CONFIGURATIONS :**

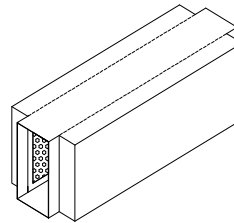
**CDA**



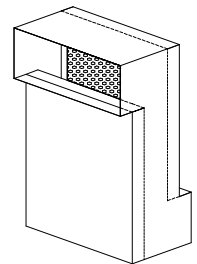
**SDA**



**XDA**



**XDZ**



**CONSTRUCTION :**

Model Codes are used to define the specific constructional properties of each product. The coding system for attenuators operates as follows :

*PRIMARY CODE / OPTIONAL FEATURES / OPTIONAL EXTRAS*

The coding definitions for crosstalk attenuators are as follows :

**PRIMARY CODE :**

**CDA, SDA, XDA, XDZ**

- galvanised sheet steel casing with lockformed mastic sealed joints
- internal liners faced with perforated sheet steel
- controlled density mineral wool infill with tissue facing to reduce fibre egress

**OPTIONAL FEATURES :**

*Casing pressure and leakage options :*

- 1** - DW142 Class B leakage and up to +1000 / -750 Pa pressure rating only

*Casing end connection options :*

- P** - plain spigot end connections only

*Internal lining options :*

- U** - unpodded, straight through attenuator (CDA only)
- V** - vertical element orientation (all except CDA)
- H** - horizontal element orientation (all except CDA)

**OPTIONAL EXTRAS :**

- M** - melinex wrapped infill for grease, diluted chemical or moisture laden air and also to ensure zero fibre egress for hospital or clean room applications
- W** - wrapped casing ends with heavy duty polythene to prevent ingress of rubble on site
- X** - denotes special optional extras (as required)

**EXAMPLE CODING :**

**XDA / 1PV / W**

