TOA

ATTENUATOR AT−4012 AS

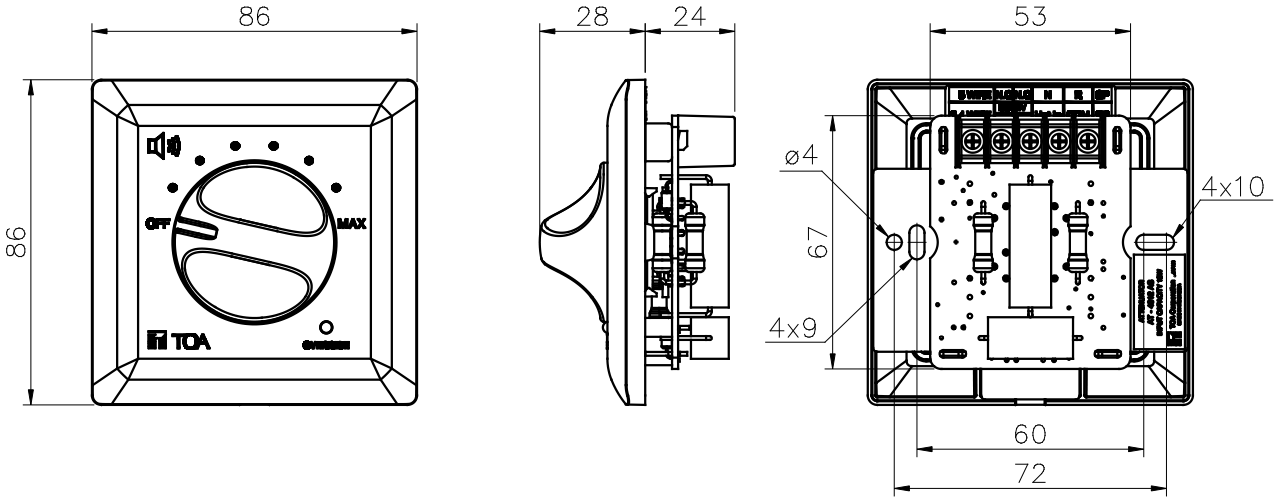
■DESCRIPTION

The AT−4012 AS is a flush or surface mounting wall attenuator and uses resistors which allows connection of speaker loads under 12W. Volume can be adjusted in eight steps. AT−4012 AS is a square type volume control featuring override relay with LED indicator. AT−4012 AS can be connected in 2, 3, or 4 wiring system.

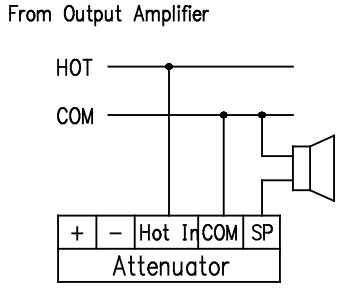
■SPECIFICATIONS

Input Capacity	12 Watt (Max)
Attenuations	8 steps (0dB, −3dB, −6dB, −9dB, −12dB, −15dB, −18dB, OFF)
Override Indicator	Red LED (4−wire connection only)
Overiding Voltage	24V DC, 11mA (4−wire connection only)
Dimensions	86 (W) x 86 (H) x 24 (D) mm
Weight	0.12 Kg
Color	White (RAL 9016 or equivalent)
Finish	Knob, Cover Panel : ABS Resin, White (RAL 9016 or equivalent)
	Front Panel (Plate) : Surface treated steel plate
Terminal	Screw type x 5 (Terminals)
Usable Cable	Cable range : 22 − 14 AWG

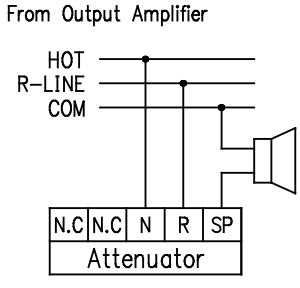
■APPEARANCE



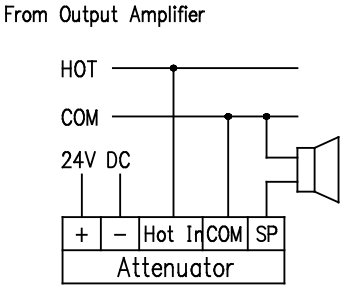
Front View　　Side View　　Rear View



2 − WIRE CONNECTION



3 − WIRE CONNECTION



4 − WIRE CONNECTION

Note : N.C is NOT CONNECTED

UNIT : mm　SCALE : 1/2

TOA

ATTENUATOR AT−4030 AS

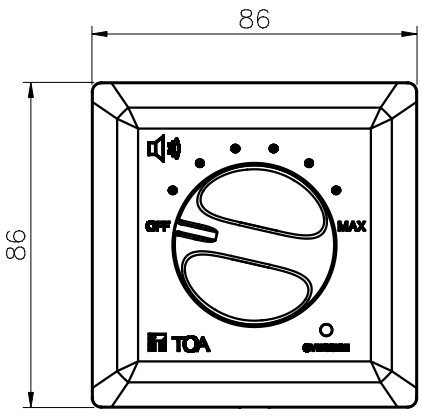
■DESCRIPTION

The AT−4030 AS is a flush or surface mounting wall attenuator and uses matching transformer which allows connection of speaker loads under 30W. Volume can be adjusted in eight steps. AT−4030 AS is a square type volume control featuring override relay with LED indicator. AT−4030 AS can be connected in 2, 3, or 4 wiring system.

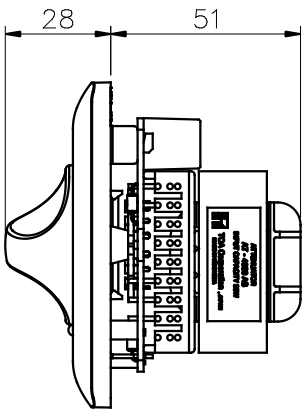
■SPECIFICATIONS

Input Capacity	30 Watt
Attenuations	8 steps (0dB, −3dB, −6dB, −9dB, −12dB, −15dB, −18dB, OFF)
Override Indicator	Red LED (4−wire connection only)
Overiding Voltage	24V DC, 11mA (4−wire connection only)
Dimensions	86 (W) x 86 (H) x 51 (D) mm
Weight	0.45 Kg
Color	White (RAL 9016 or equivalent)
Finish	Knob, Cover Panel : ABS Resin, White (RAL 9016 or equivalent)
	Front Panel (Plate) : Surface treated steel plate
Terminal	Screw type x 5 (Terminals)
Usable Cable	Cable range : 22 − 14 AWG
Accessories	Back Box (85.5 (W) x 85.5 (H) x 60 (D) mm)
	Plate mounting screw ····· 2

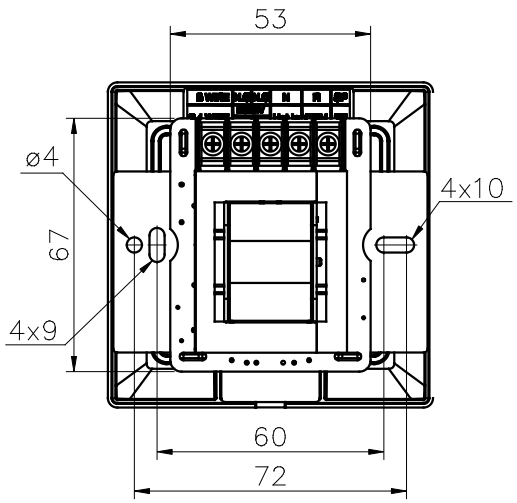
■APPEARANCE



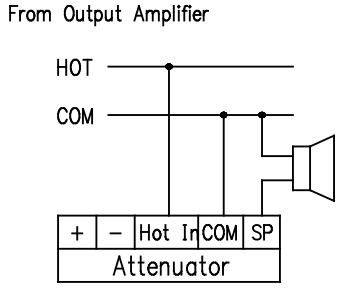
Front View



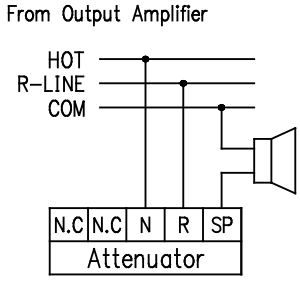
Side View



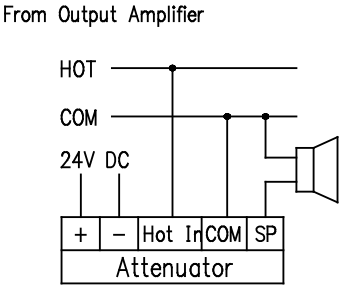
Rear View



2 − WIRE CONNECTION



3 − WIRE CONNECTION

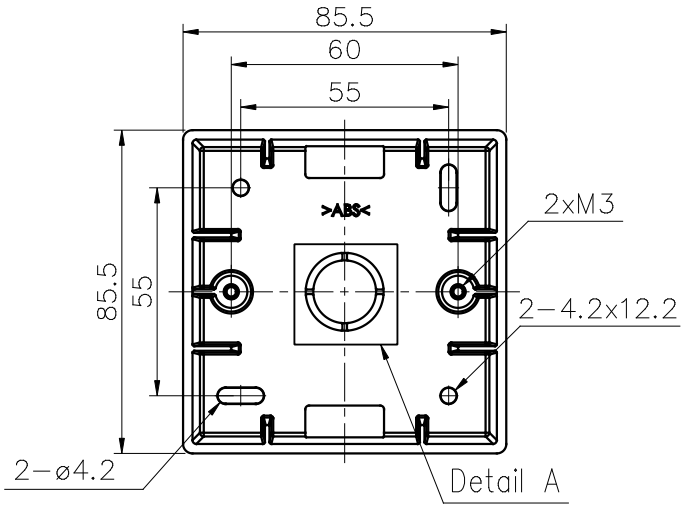


4 − WIRE CONNECTION

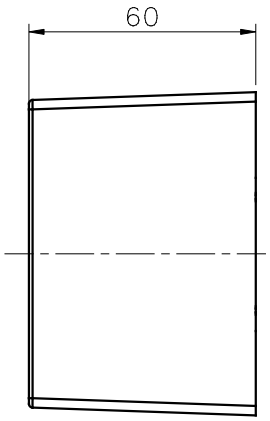
Note : N.C is NOT CONNECTED

UNIT : mm SCALE : 1/2

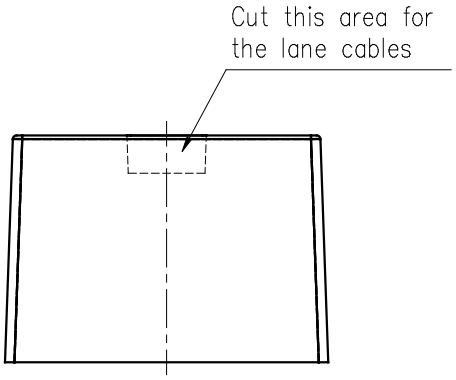
BACK BOX



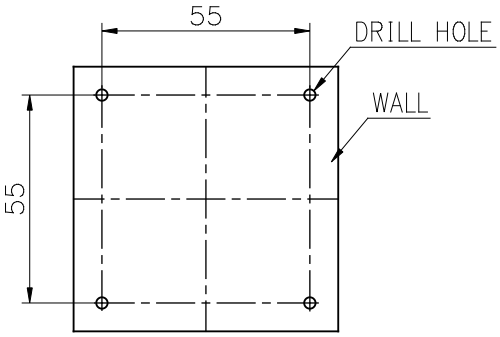
FRONT VIEW



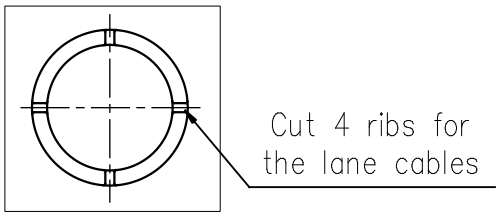
SIDE VIEW



TOP VIEW



Layout dimension of wall
for surface mounting.



Detail A
SCALE 1:1

Note : Drill hole dimensions depend on wall type.

UNIT : mm SCALE : 1/2

TOA

ATTENUATOR AT−4060 AS

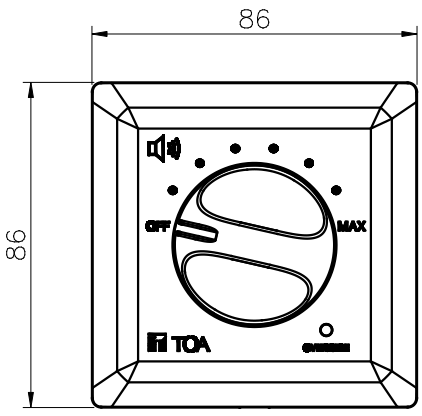
■DESCRIPTION

The AT−4060 AS is a flush or surface mounting wall attenuator and uses matching transformer which allows connection of speaker loads under 60W. Volume can be adjusted in eight steps. AT−4060 AS is a square type volume control featuring override relay with LED indicator. AT−4060 AS can be connected in 2, 3, or 4 wiring system.

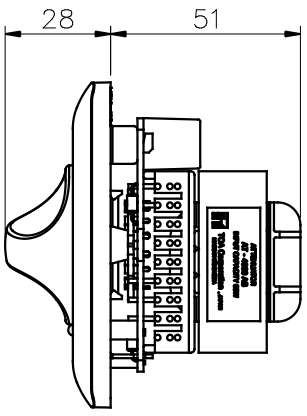
■SPECIFICATIONS

Input Capacity	60 Watt
Attenuations	8 steps (0dB, −3dB, −6dB, −9dB, −12dB, −15dB, −18dB, OFF)
Override Indicator	Red LED (4−wire connection only)
Overiding Voltage	24V DC, 11mA (4−wire connection only)
Dimensions	86 (W) x 86 (H) x 51 (D) mm
Weight	0.46 Kg
Color	White (RAL 9016 or equivalent)
Finish	Knob, Cover Panel : ABS Resin, White (RAL 9016 or equivalent)
	Front Panel (Plate) : Surface treated steel plate
Terminal	Screw type x 5 (Terminals)
Usable Cable	Cable range : 22 − 14 AWG
Accessories	Back Box (85.5 (W) x 85.5 (H) x 60 (D) mm)
	Plate mounting screw ····· 2

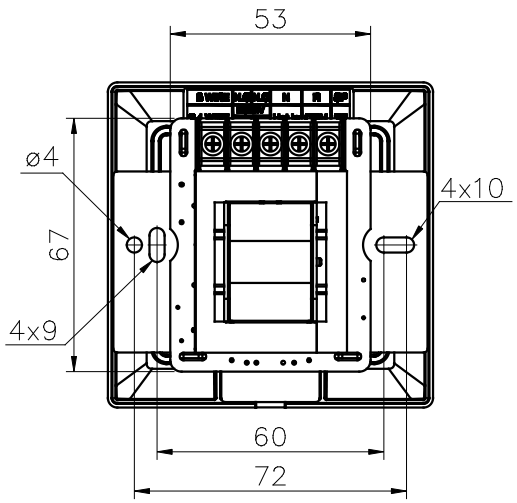
■APPEARANCE



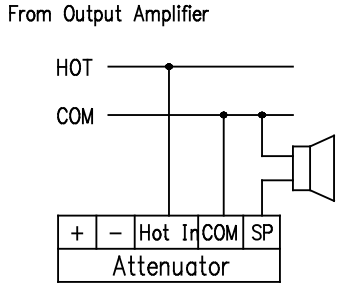
Front View



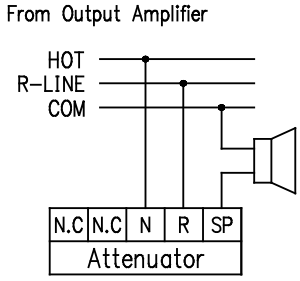
Side View



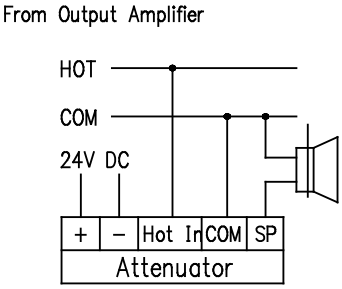
Rear View



2 − WIRE CONNECTION



3 − WIRE CONNECTION

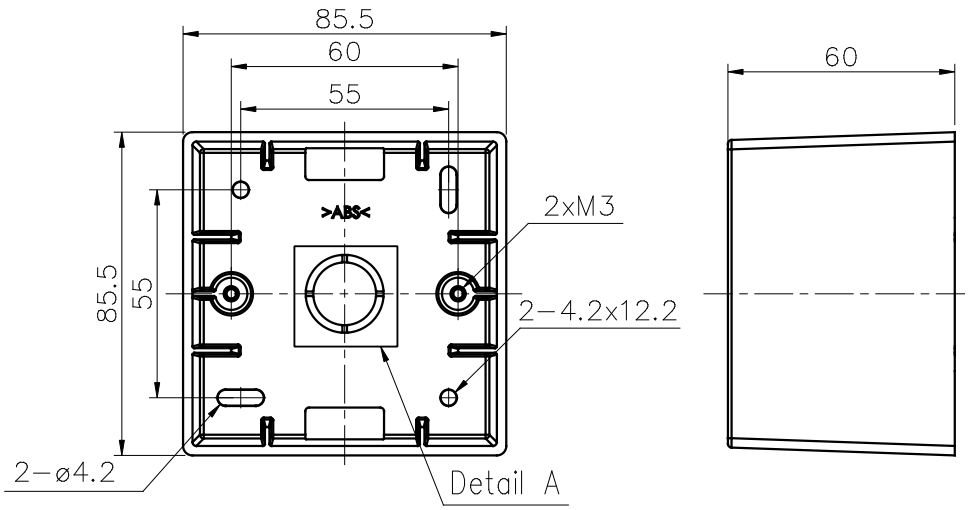


4 − WIRE CONNECTION

Note : N.C is NOT CONNECTED

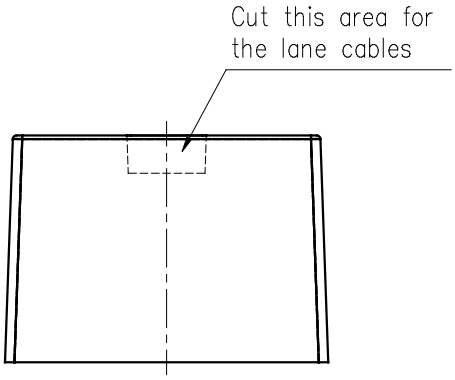
UNIT : mm SCALE : 1/2

BACK BOX

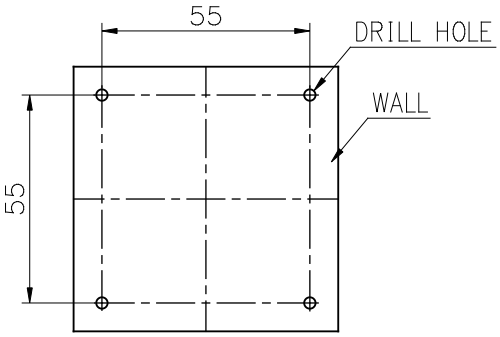


FRONT VIEW

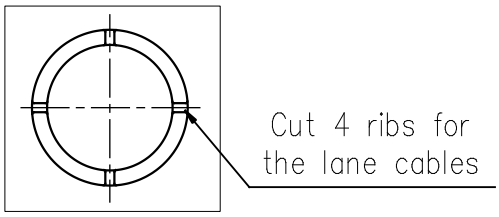
SIDE VIEW



TOP VIEW



Layout dimension of wall
for surface mounting.



Detail A
SCALE 1:1

Note : Drill hole dimensions depend on wall type.

UNIT : mm SCALE : 1/2

TOA

ATTENUATOR AT−4120 AS

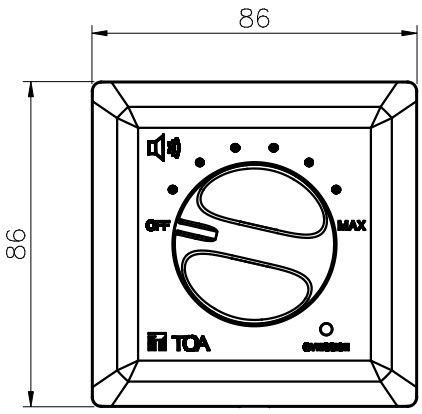
■DESCRIPTION

The AT−4120 AS is a flush or surface mounting wall attenuator and uses matching transformer which allows connection of speaekr loads under 120W. Volume can be adjusted in eight steps. AT−4120 AS is a square type volume control featuring override relay with LED indicator. AT−4120 AS can be connected in 2, 3, or 4 wiring system.

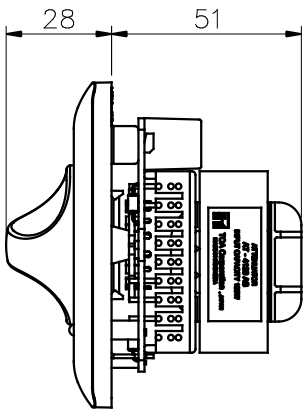
■SPECIFICATIONS

Input Capacity	120 Watt
Attenuations	8 steps (0dB, −3dB, −6dB, −9dB, −12dB, −15dB, −18dB, OFF)
Override Indicator	Red LED (4−wire connection only)
Overiding Voltage	24V DC, 11mA (4−wire connection only)
Dimensions	86 (W) x 86 (H) x 51 (D) mm
Weight	0.48 Kg
Color	White (RAL 9016 or equivalent)
Finish	Knob, Cover Panel : ABS Resin, White (RAL 9016 or equivalent)
	Front Panel (Plate) : Surface treated steel plate
Terminal	Screw type x 5 (Terminals)
Usable Cable	Cable range : 22 − 14 AWG
Accessories	Back Box (85.5 (W) x 85.5 (H) x 60 (D) mm)
	Plate mounting screw ····· 2

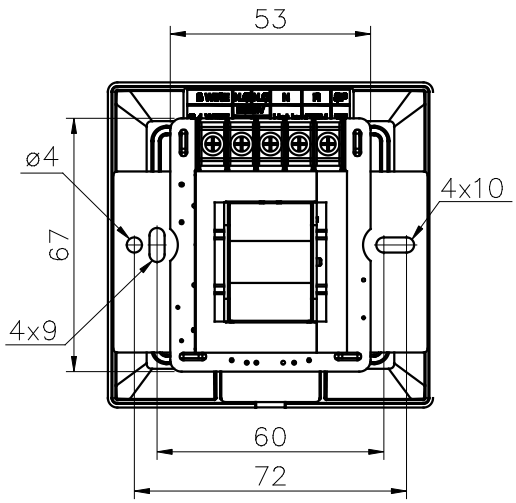
■APPEARANCE



Front View

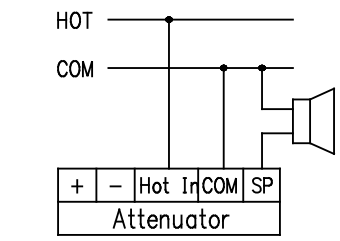


Side View



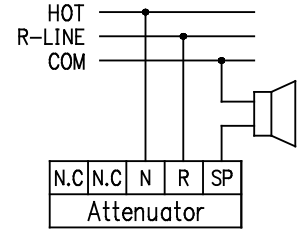
Rear View

From Output Amplifier



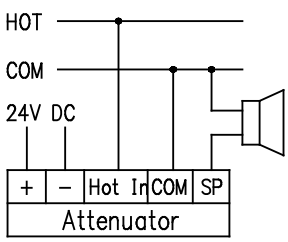
2 − WIRE CONNECTION

From Output Amplifier



3 − WIRE CONNECTION

From Output Amplifier



4 − WIRE CONNECTION

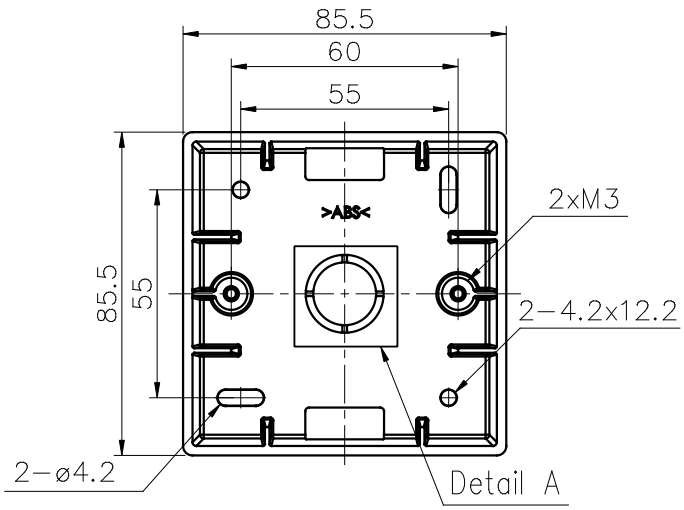
Note : N.C is NOT CONNECTED

UNIT : mm SCALE : 1/2

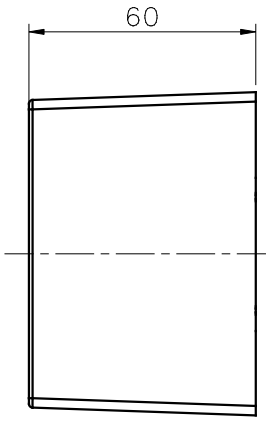
TOA

ATTENUATOR AT-4120 AS

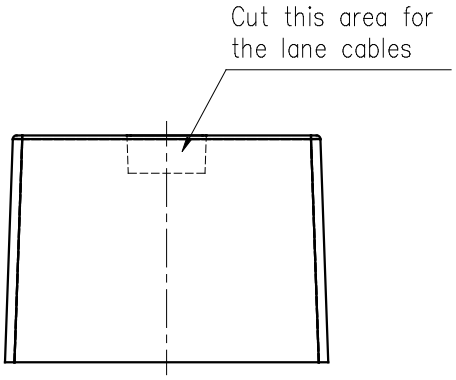
BACK BOX



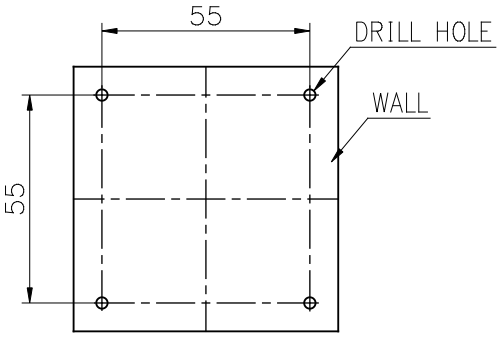
FRONT VIEW



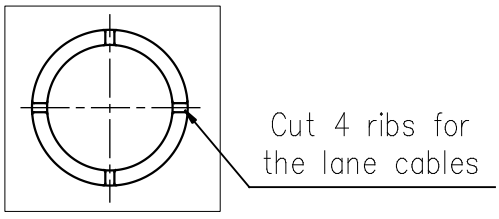
SIDE VIEW



TOP VIEW



Layout dimension of wall
for surface mounting.



Detail A
SCALE 1:1

Note : Drill hole dimensions depend on wall type.

UNIT : mm SCALE : 1/2