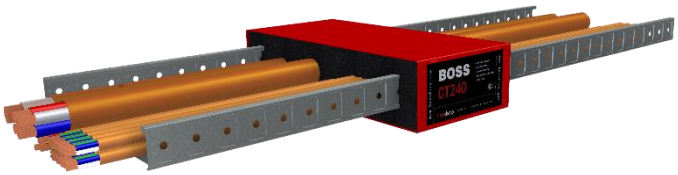
BOSS Cable Transits CT120 & CT240

Protecting electrical power, data, comms cables, cable trays, conduit & metal pipes from fire & smoke

Approved to AS1530.4:2014 & AS4072.1-2005

Technical Data Sheet



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Bundled services for up to 4 hours fire protection….

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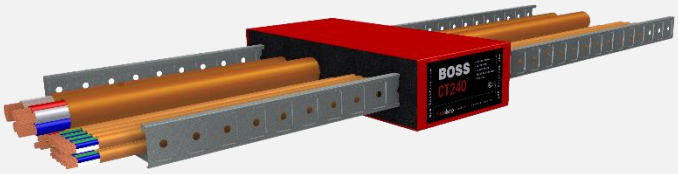
KEY BENEFITS

- Fire rates electrical power, data & comms cabling, cable trays and metal pipes
- Designed for single cables or multiple cable bundles
- Fast & easy to install
- Use in floors and walls, including plasterboard
- Easy retrofit design
- Corrosion resistant
- Up to 4 hours fire protection
- Tested and approved to AS1530.4:2014 & AS4072.1-2005



INTRODUCTION

BOSS Cable Transits CT120 & CT240 are designed to prevent the spread of fire and smoke from one compartment to another where electrical power, data and comms cables penetrate through separating walls and floors.

The **Cable Transit CT120 & CT240** mounting flange provides a quick and easy method of installing single or multiple Cable Transits, even in plasterboard partitions. The unique design means BOSS Cable Transits do not need mechanical fixings and clamp to the wall using metal flanges. By using larger flanges, multiple Cable transits can be banked together alongside each other, providing fire rated penetrations for multiple cables bundles, and with added changeability for future additions or alterations. The unit has a hinged split body which provides an easy retro-fit option where cables are pre-installed.

HOW DOES IT WORK?

The BOSS Cable Transits consist of a square round and rectangular steel sleeve containing heat reactive intumescent material. The cable transit device is placed in the wall or floor slab and the cables, cable trays and pipes pass through the device.

When exposed to the heat of a fire, the graphite based intumescent material contained in the Cable Transits expand rapidly to close and seal the inside of the sleeve, preventing the spread of fire from one compartment to another.

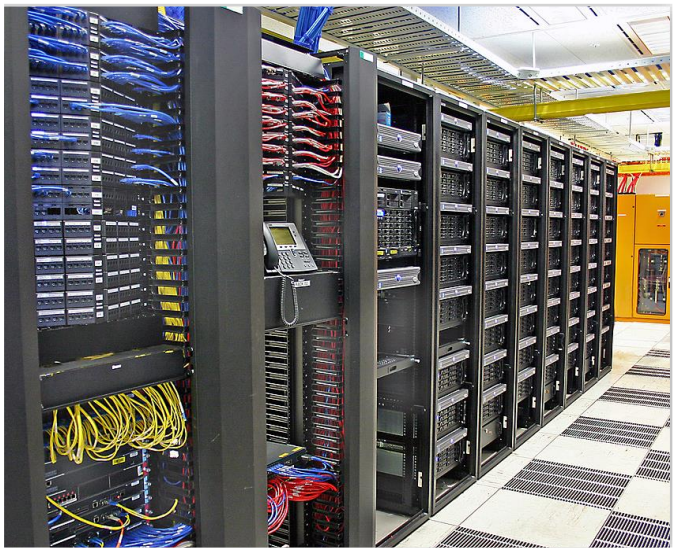
WHY USE BOSS CABLE TRANSITS CT120 & CT240?

- Approved to AS1530.4:2014 & AS4072.1-2005
- 1hr, 2hr and 4hr applications
- Fire rates electrical & comms cabling, cable trays, conduit and metal pipes
- Use in walls or floor slabs
- Corrosion resistant – ideal for aggressive environments
- Certification for a wide range of cables
- Available in a range of practical sizes
- Quick and easy to install – provides flexible cable routing
- Can be re-used repeatedly for additions and alterations to cabling
- Each unit is suitable for both cast-in or retro-fit applications
- Can easily be identified and located as a building's approved path of services

APPLICATIONS

Suitable for any building where electrical power, data or communication cables penetrate a fire rated wall or floor.

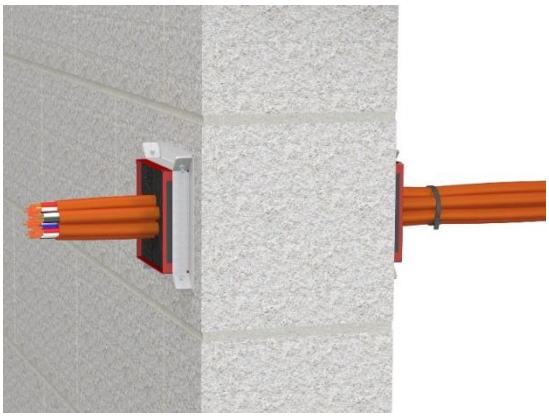
- Data Centres
- Computer / Server Rooms
- Apartment buildings
- Office buildings
- Commercial & retail centres
- Telecom sub stations
- TV & Media Studios
- Hospitals
- Airports
- Hotels

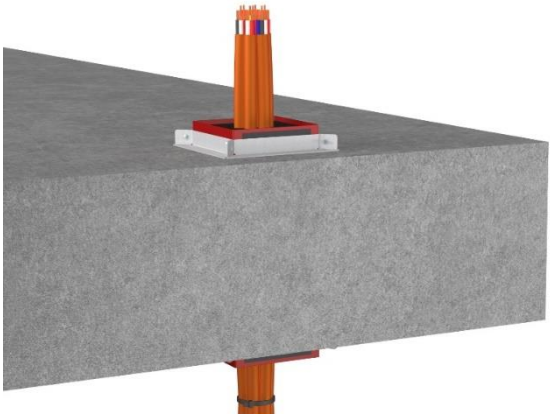


APPROVED SUBSTRATES

BOSS Cable Transits CT120 & CT240 are approved in a wide variety of substrates. These include:

- Fire Rated Plasterboard Walls
- AAC / Hebel Walls
- Masonry / Block / Concrete Walls
- Concrete Floor Slabs

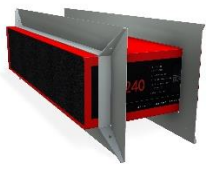




PRODUCT SIZES & CONFIGURATIONS

An array of installation sizes and configurations are available. Where square Cable Transits are used, banking and multiplication of flanges creates additional capacity for larger cable installation.

TABLE 1. PRODUCT SIZES & CONFIGURATIONS

Product Code	Sizes Available	Description	Configuration
CT120-65	65x65mm	CT120 – Singular Square cable transit	
CT120-100	100x100mm		
CT120-65DX	130x65mm	CT120 – Duplex – 2 x 1 Square cable transit – 2 way flange	
CT120-100DX	200x100mm		
CT120-65TX	200x65mm	CT120 – Triplex – 3 x 1 Square cable transit – 3 way flange	
CT120-100TX	300x100mm		
CT120-65SX	200x135mm	CT120 – Sixplex – 3 x 2 Square cable transit – 6 way flange	
CT120-100SX	300x200mm		
CT120-50R	50mm dia.	CT120 – Round – Singular Circular cable transit	
CT120-100R	100mm dia.		
CT120-150R	150mm dia.		
CT240-350	350x125mm	CT240 – Singular Rectangular Cable & Cable tray transit	
CT240-550	550x125mm		

PERFORMANCE SPECIFICATIONS

BOSS Cable Transits CT120 & CT240 has extensive fire test approvals in wall and floor slab applications to AS1530.4:2014 and AS4072.1-2005 offering up to FRL -/240/240.

IMPORTANT:
In order to ensure performance and compliance, passive firestopping products must be installed in accordance with the test evidence, manufacturer's specifications or be the subject of a performance solution.
Each project and/or application may have specific requirements and you should investigate these carefully.
Ensure that you read and understand the appropriate certification and how it relates to your specific construction details, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation.
Ensure your installation is carried out in accordance with the test certification, manufacturer's instructions, and in accordance with the relevant local building regulations, National Construction Code or Building Code.
For updates on the range of BOSS Fire® certification please contact BOSS Technical Services. +612 9531 8591 OR info@bossfire.com.au

BOSS FIRE SYSTEM MATRIX

For specific summary information on the approved systems relevant to Cable Transit CT120 & CT240 please refer to the **BOSS Fire System Matrix**. The **BOSS Fire System Matrix** is a filterable summary document containing information to help select the appropriate system relevant to your building application. Associated Test and Assessment Reports are also available for download from the Resources page at bossfire.com.au/resources.

HEALTH AND SAFETY

To learn more about the safe handling of Cable Transits CT120 & CT240 see the Safety Data Sheet available at bossfire.com.au.

IS THIS PUBLICATION CURRENT?

This document may be superseded by new versions. If you are unsure of whether this document is a current publication, please call us on +61 2 9531 8591 to confirm.

LIMITATION

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice.

The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification please contact BOSS Technical Services on +61 2 9531 8591.

FURTHER INFORMATION

For additional technical information on the performance of BOSS Cable Transits CT120 & CT240, other BOSS Fire® products or any other BOSS Fire® related information please contact us on:

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