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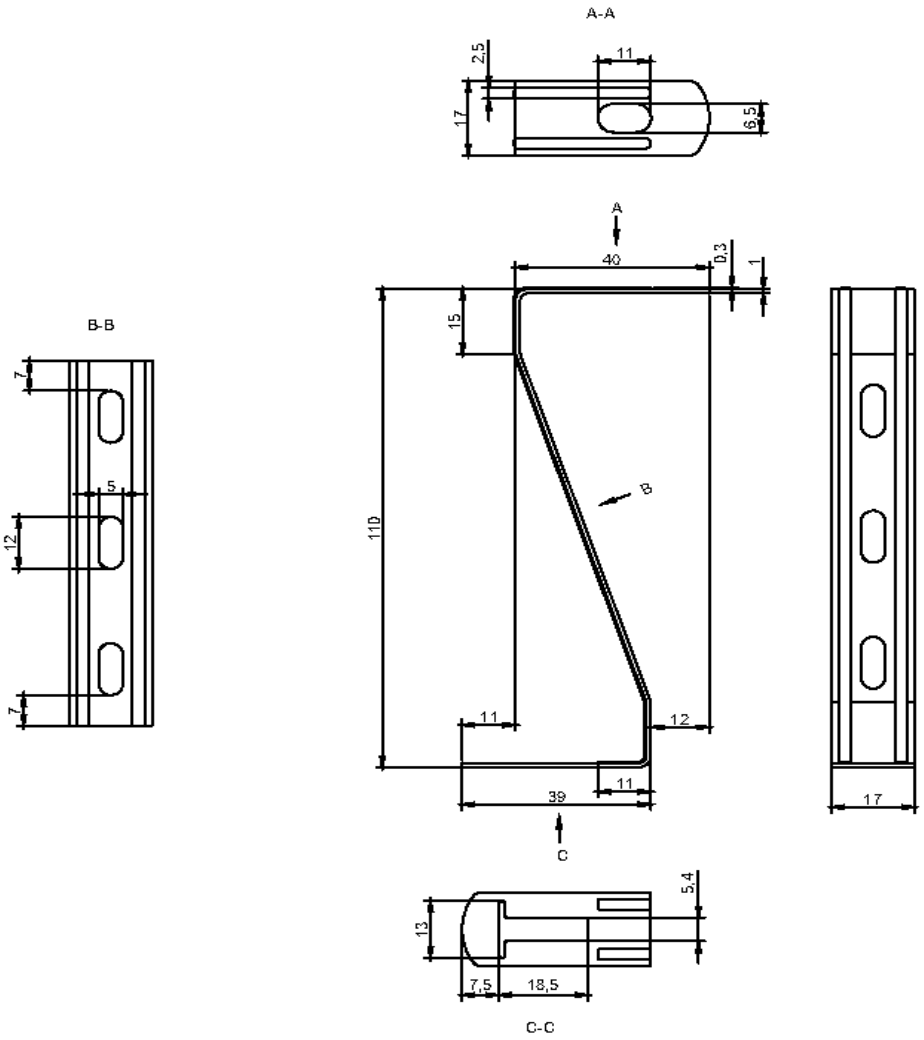
# FireFiber Cable Z-Clamp

This Bandweaver Z-clamp is one of the commonly used clamps for mounting the FireFiber range of cables to ceilings or walls. Made from SS304 as standard, these clamps are mounted using M6 bolts (60mm SS304) and typically are spaced at 1 to 1.5m intervals. The Z-shaped design allows easy access and the standoff from the wall/ceiling maximises sensitivity of the sensing cable

This can also be used with other cable types but please ask your Bandweaver representative for more details.

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The Bandweaver Z-clamp utilises a unique sliding clamp mechanism for fast cable installation and repositioning. It has been designed to support a single Bandweaver FireFiber AT cable with a maximum weight of 30Kg per Kilometre.

Ceiling mounted Z-clamp with cable in situ

Example installations in utility tunnels

Z-Clamps must be secured by using M6 expansion bolts (60mm SS304)

Z-clamp with cable retaining bracket

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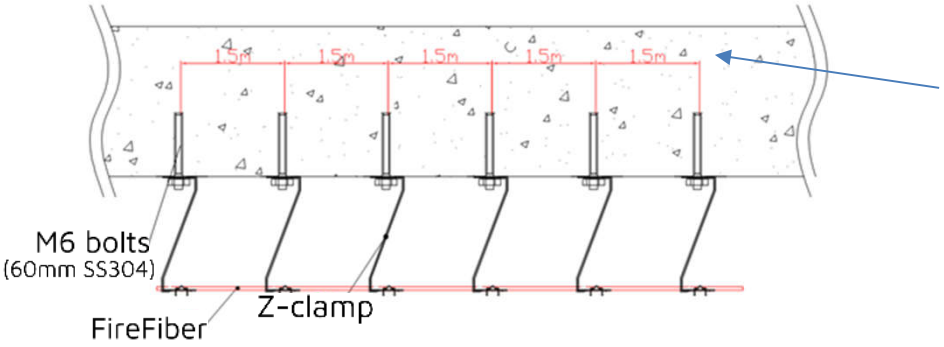
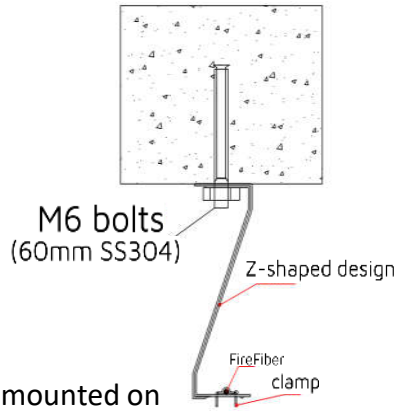
## Installation Guidelines.



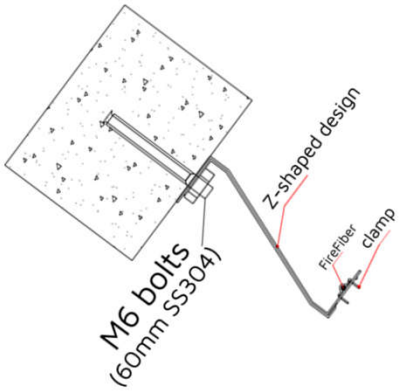

Z-clamps to be mounted at maximum 1.5m intervals

The Z-Clamps should be installed at the same height, in the same direction and equally spaced as possible in a straight line, to ensure that the cable can lie flat. During installation, the cable should be mounted on the upper side of the bracket as shown in the adjacent image to ensure that the clamp does not accidentally come loose and that the cable will remain properly secured.

Where the clamp is required to be mounted on the walls of a tunnel then again ensure the cable is mounted on the inner side of the clamp




Can be mounted on ceiling or wall

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