

Long Distance Traffic

# INNOVATION ON THE TRACKS

## CLIPFIX

The 'Rail Web  
Cable Trough'

**CONTEC**  
TRANSPORTATION SYSTEMS

# CONTEC CLIPFIX - PROTECTION FOR RAIL WEB LAID CABLES



## The cost-saving alternative to cable troughs

Rail web cabling is of increasing importance for the railway infrastructure. Cable troughs either do not exist or require costly overhaul and repair to accept additional cables. Installing new cable trough lines requires intense design and approval efforts, as well as costly and time-consuming civil works.

Simultaneously, the number of cable related applications and requirements along the tracks are constantly increasing:

- existing lines are being updated with electronic interlocking - introducing the need for communication transmission
- implementation of GSM-R technology where the necessary infrastructure to supply BTS stations is missing in many places
- to catch up with today's safety standards PZB further signalling measures need to be introduced
- replacing of open-air cables

Rail web cabling provides a highly attractive alternative. For these purposes and more CONTEC have been producing EBA approved and DB released rail foot clamps over 25 years.

**ClipFix** is the cable trough in the rail web.

In combination with cable deflections and connection pieces, the cable is continuously protected against mechanical influences.





## ClipFix - the perfect cable protection against

- Vandalism and cable theft
- Ballasting and tamping procedures
- Rail grinding equipment
- Snow and ice
- Ultraviolet radiation
- Unwanted cable expansion

## ClipFix system advantages

- Fast and easy mounting with the one-part clamp - **ClipFix**
  - Cost-efficient
  - Highest cable protection against damage during track maintenance or from vandalism
  - Clamps and cable ducts reusable
  - Cover protects cables against heat
  - No civil works
  - Optimal for cable laying in level crossing areas
  - Suitable for all types of cables and applications
- Retrofit of existing rail web cabling is possible
  - Continuous cable protection with **ClipFix** System: in the rail web, at branchings via the cable deflections, as well as covering of excessive cable lengths





# CONTEC

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