

Copper leaf is a simple and discreet implantation solution for a installation of a magnetic loop. This cable can be fitted under most coverings such as carpet, wood, tile, linoleum, laminate or vinyl without any effect on the magnetic. For multiloops, the copper tape adjusts easily the wiring of the segments on the floor

Following the installation, the cable isn't visible under coverings and is secured on the floor with a printed warning tape (**ADH-RC**) which alerts to its presence.

Copper tapes are 18mm, 10mm or 2x10mm widths and 0.1mm of thickness. They are isolated by a Malinex tape of 0.05mm. The resistance is approximatly of 10mΩ/m.

Connection with a link cable (**OP-LI5/10/15**) for going to the amplifier is very simple, the first option is to use terminals **C10-RC** and crimp it to the cable and the copper tape. The other one is to scratch the Melinex tape for welding the link cable directly to the leaf.

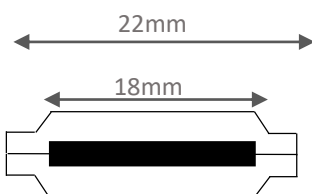
For angles, just fold the tape back on itself.

- Can be fitted under most coverings :
 - Carpet
 - Wood
 - Tile
 - Linoleum
 - Laminate
 - Vinyl

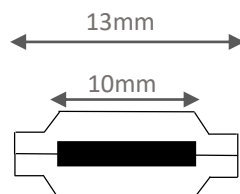


| Product code | Section in mm ² | Lenght in meter | Diameter of the coil in mm | Weight | Implementation |
|--------------|----------------------------|-----------------|----------------------------|--------|------------------|
| RC50 | 1,8 | 50 | 150 | 1Kg | from 56m to 330m |
| RC100 | 1,8 | 100 | 180 | 2.3Kg | from 56m to 330m |
| RC150 | 1,8 | 150 | 270 | 3Kg | from 56m to 330m |
| RC01-50 | 1 | 50 | 147 | 0.6Kg | from 29m to 170m |
| RC01-100 | 1 | 100 | 180 | 1.2Kg | from 29m to 170m |
| RC02-50 | 2x 1 | 50 | 147 | 1Kg | from 15m to 85m |
| RC02-100 | 2x 1 | 100 | 180 | 2.3Kg | from 15m to 85m |

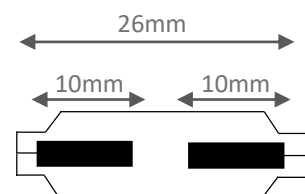
RC50/RC100/RC150



RC01-50/RC01-100



RC02-50/RC02-100





ADH RC

For the installation of copper tapes, Opus Technologies provides the ADH-RC, a protection adhesive tape which allows to warn and secure induction loop installations.

This adhesive tape is printed in 2 languages (English & French) with a warning message, a « do not cut » and T-coil pictograms. The ADH-RC is designed to protect and signal induction loop presence.

For example, this accessory can alert a carpet fitters of its location, so that avoid cutting cables.

Easy to set, just glue the adhesive tape on the copper leaves



| | |
|--------|-----------|
| Length | 60 meters |
| Width | 75mm |

C10-RC

C10-RC terminals allow to connect a link cable to a copper leaf fastly and efficiently.

The approach is very simple, just clamp the teeth of the C10-RC onto the copper tape. Then, crimp it on the tape, and finally, crimp it to the OP-LI (example below).

| | |
|---------|-------------|
| Length | 15mm |
| Width | 10mm |
| Packing | Packs of 10 |



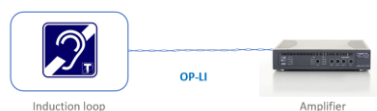
Example of connection with the C10-RC

OP-LI5-10-15

The OP-LI is a copper shielded link cable which allows to connect a induction loop to a amplifier Opus from 3 to 15 meters.



Schematic diagram



| Technical features | |
|--|---|
| Length | 5, 10 et 15 meters |
| Number of conductors | 2 |
| Section | 1,5mm ² |
| Power // Tension | 18A // 300/500 V |
| Outer diameter | 7,1mm |
| Sleeve | Grey PVC |
| Ground wire | No |
| Identification code of the conductor | Black numbered in white according to VDE 0293-1 |
| Temperature range : Occasionally mobile Fixed post | -5°C to +70°C -40°C to +80°C |