

Technical Description

Assembly and test of RFP 37 DRC

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1 Introduction

1.1 Purpose

This document describes the assembly and test of RFP 37 DRC

1.2 Version Changes

Version	Date	Comments
1.1	19.01.2016	Assembly and test of RFP 37 DRC

2 Overview

This document describes the process the assembly and test RFP 37 DRC

3 Required Components

- RFP 37 IP [Mitel 80-00001AAA-A](#) / Mounting screws M6 [Böllhoff 7380A268](#)
- Fibox EURONORD P404012 /Cable gland [Fibox GPA M16 \(7094450\)](#)
- Mounting plate [Fibox PM 4040 9801615](#) /Spring washer [Würth 04346](#)
- 2x Antennas [Mitel 04602422](#) / RF Cables [Mitel 04604685](#)
- Cable stripes [Mitel 33-000200-00](#) / Mooting Screws (Antenna) [Mitel 04516180](#)
- Ethernet Patch Cable 3m [Assmann WSW A-MCSSP60030](#)
- Ethernet Connector TE Connectivity [AMP Connectors 5-569552-2](#)
- Connector boot [TE Connectivity AMP Connectors 1-569875-0](#)
- Package + Cushions [KVL](#) /Label of Product and Packaging
- Safety and Installation documentation



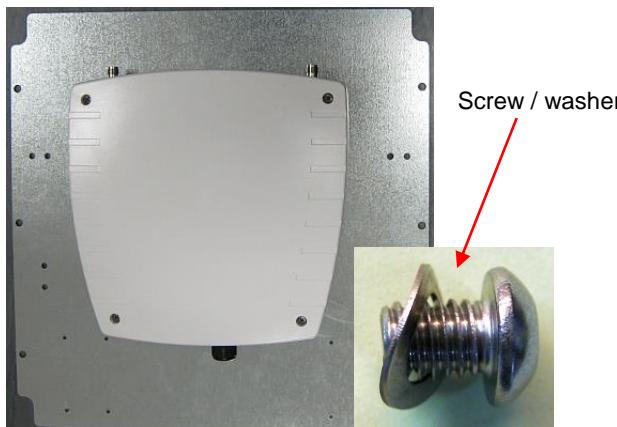
Required components



packaging

4 Preparation and assembly of RFP 37 DRC

- Step 1: Screw RFP 37 IP with 4x M6 screws /4x spring washer on to mounting plate with 2Nm torque (T25 torque) picture 1
- Step 2: Screw with 4x Mounting Screws (Antenna), both antennas holder on to mounting plate, picture 2 (screws please, normal tighten T10P torque)
- Step 3: Remove from antenna cables the washer and the screw-nut (see picture 3), Mounting the two antenna cables between RFP 37 and antennas, first cable to RFP 37 and then screw on the antenna, put the antenna in the antenna holder, picture 4
- Step 4: Fix the antenna cables and antennas with cable stripes, picture 5



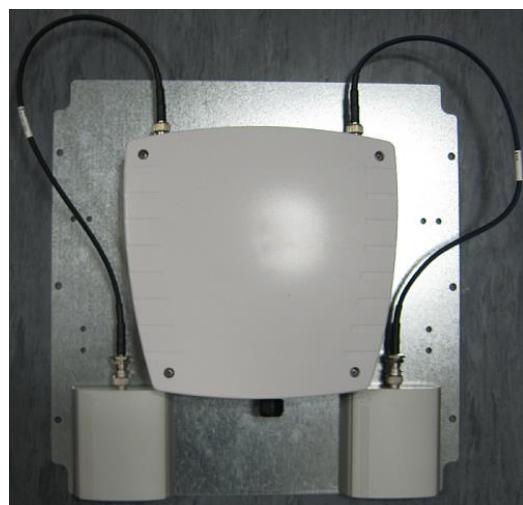
Picture 1



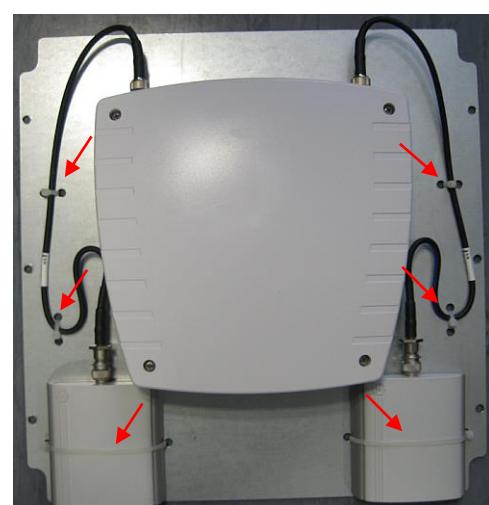
Picture 2



Picture 3

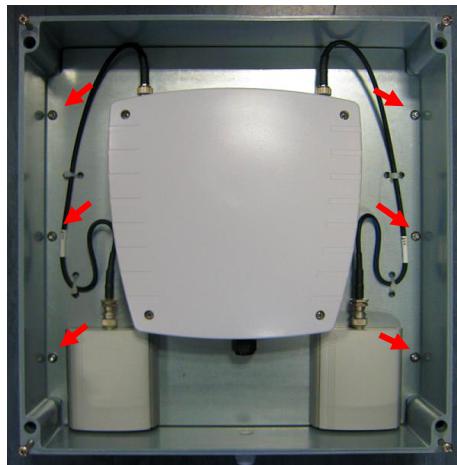


Picture 4



Picture 5

- Step 6: Put the mounting plate with all mounted components in to Fibox and screw together with 2 Nm torque (six screws M6 /6x spring washer), picture 6



Picture 6

5 Connecting the - Ethernet Patch Cable 3m to the RFP 37

- Step 1: Cutting one end of the Ethernet patch cable 3m

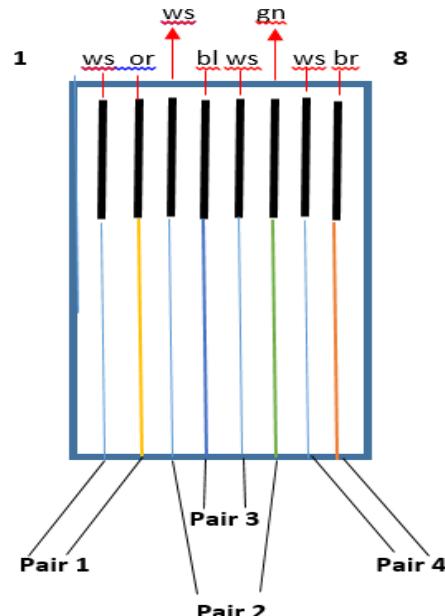
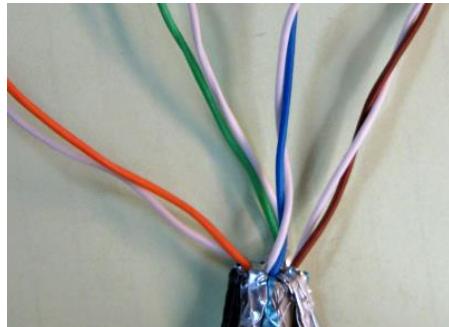


- Step 2: Remove the cover from the RFP 37

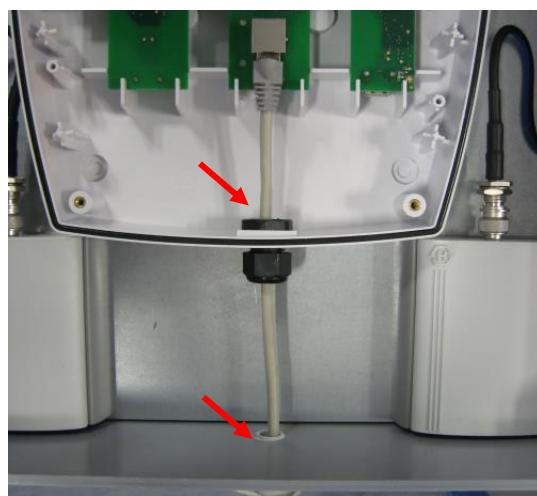


- Step 3: Conduct the cable through the two glands and adapt the new Ethernet Connector with Connector boot, as follows

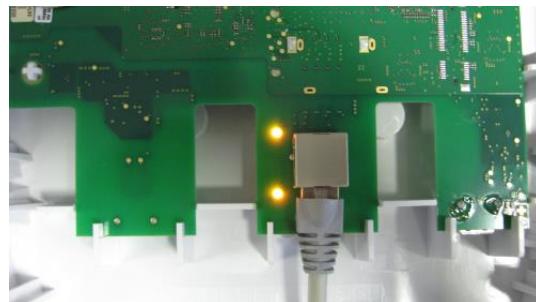
RJ 45 plug at the bottom



- Step 4: Check the Ethernet cable mechanically and electrically (for example tool Conrad electronic Basetech BT-100 RJ45)
- Step 4: Contact the new Ethernet connector to RFP 37 and fix the cable with both glands, **cable must be set fix**



- Step 5: Contact the cable on PoE and wait until two LEDs flash change orange

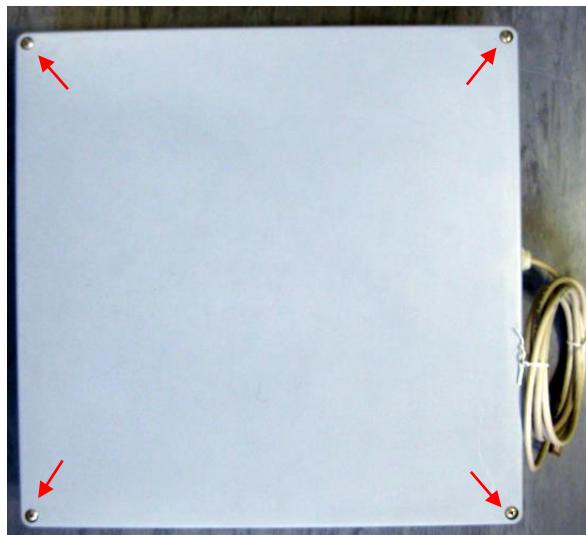


- Step 6: Disconnect PoE, close RFP 37 cover and screw that with 2 Nm torque
- Step 7: Stick the label on the Mounting Plate



6 Close the cover of the Fibox casing

- Step 1: Close the cover of the Fibox casing and screw that with 2 Nm torque
- Step 2: Stick the label on the casing



7 Pack the RFP 37 DRC /Safety and Installation documentation



Position of foam fillings

- Put safety and installation documentation in the packing
- Stick the label on the packing

