

# Optomize quality control procedure

Optomize is known for its high quality of products, the short leadtimes and for the flexibility of a small, yet powerful actor on the market of passive network communication links. We have personell and equipment adjusted for todays demands for quick and accurate deliveries. However in order to minimize faults in production, or discovering material of inferior quality, we have a set of control stations along the production line.

## **On receipt of order:**

Every new order is controlled by Head of Production (HoP) and at least one (1) more person. Any new article is designed and approved by HoP. Any new component is approved by Purchase Manager (PM).

## **In production:**

Order and its products are followed by a process list. This list follows througout the whole procedure and is marked after each step in the process.

Depending on ordersize, at least two (2) persons are involved in cutting and counting cables used in production, making sure correct cable is choosed. After cutting, mounting of connectors take place, either in-house or at sub-vendors location. Mounting is followed by moulding, or mounting of cable boot and that is always made in-house.

After moulding, 100% of patchcords go through connectivity test in computerized system using testprogram Cable-Eye. If not passing this test, cords return to mounting personell, not same as testing person, to correct faulty connector(s).

At a minimum, or on special requests, we use Fluke DTX 1800 to make batch-testing of a smaller amount of cables in each length. This is particularly important when using new or updated components or producing patch-cords according to other standards than regular (i e Cat6 A or equal). Test results are not stored as standard, primarily use is for own self-control.

When producing transition point cables (i e jack-plug, solid lead), we test 100% of cables according to required standard and enclose test results on file in pdf-format together with shipment.

## **Post production:**

At last, cables have past signal check and are counted for, packing and labelling take place, often made by another person than the one mounting or cutting cable in the beginning of the process. This is to have yet another check on amount of cables included in shipment. The very same document that followed the first steps in process, is now the basic document for delivery note, shipping documents and invoice to customer. Everything is stored together in one place in a locked office for future reference.

We finish the process by putting the goods in appropriate box, marking and making the shipment ready for pick-up by required carrier.

Optomize AB

Ola Björnhöfde, vice President

