optodaisy™

deployment of FTTH networks made easy…
…as easy as plucking daisy petals

The Company

Belconn is a manufacturer of passive solutions for telecommunications and data networks.

Belconn's solution offer covers MDF, DDF and ODF solutions for the central office, outside plant and optical networks, cutomer premises and structured wiring systems.

With 3 industrial facilities, 5 international branches and sales in over 50 countries worldwide, **Belconn** is one of the leading companies in its market segment.

Have you ever spent your time plucking daisy petals?

Optodaisy™ employs the same principle to revolutionize the deployment of building distribution cabling for FTTH networks.

With Optodaisy you'll forget about:
- deploying star networks with tens of fibres running across the building to reach subscribers, or
- laying vertical optical backbones, which require floor distribution boxes, critical fibre splices, expensive pigtails, adapters and connectors.

Optodaisy makes all that easier and faster.

Optodaisy optical fibre cable is designed to be vertically routed in the building, by means of laying, pulling, or even air blowing. Same as in a daisy, Optodaisy central core is circumferentially surrounded by petals, i.e. optical subscriber circuits (1 or 2 fibres), each running independently from the others. Cable jacket is transparent, thus giving visibility of internally running fibre colours.

Branching of optical circuits at floor level is very easy: 1)select the circuit to be branched; 2) cut a "breakout window" off the transparent jacket by using a cutter; 3) extract the fibre so that it makes an "U" shape; 4) then gently pull the fibre downwards. Finally, run fibres directly to the subscriber; they're easy to route in narrow areas, scratch proof, pull resistant, and *splices are no longer needed.*

As easy as plucking daisy petals

The Product

Optodaisy optical fibre cable is available in 8, 24 and 32 daisy petal configuration.

Each petal can be either a single core o dual core **toughtight** optical fibre cable, thus ending up to a maximum of 64 fibres capacity.

Individual **toughtight** cables are available with standard G652 fibre or with the newest low bending radius G657 fibre, the latter providing full downward compatibility with standard SM/R

Due to their thin design (1.1 mm O.D.), **toughtight** cables are perfectly suitable for narrow routing horizontal cabling; additionally, they provide high scratch and tensile strength resistance.