



**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, customer 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 or 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.



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