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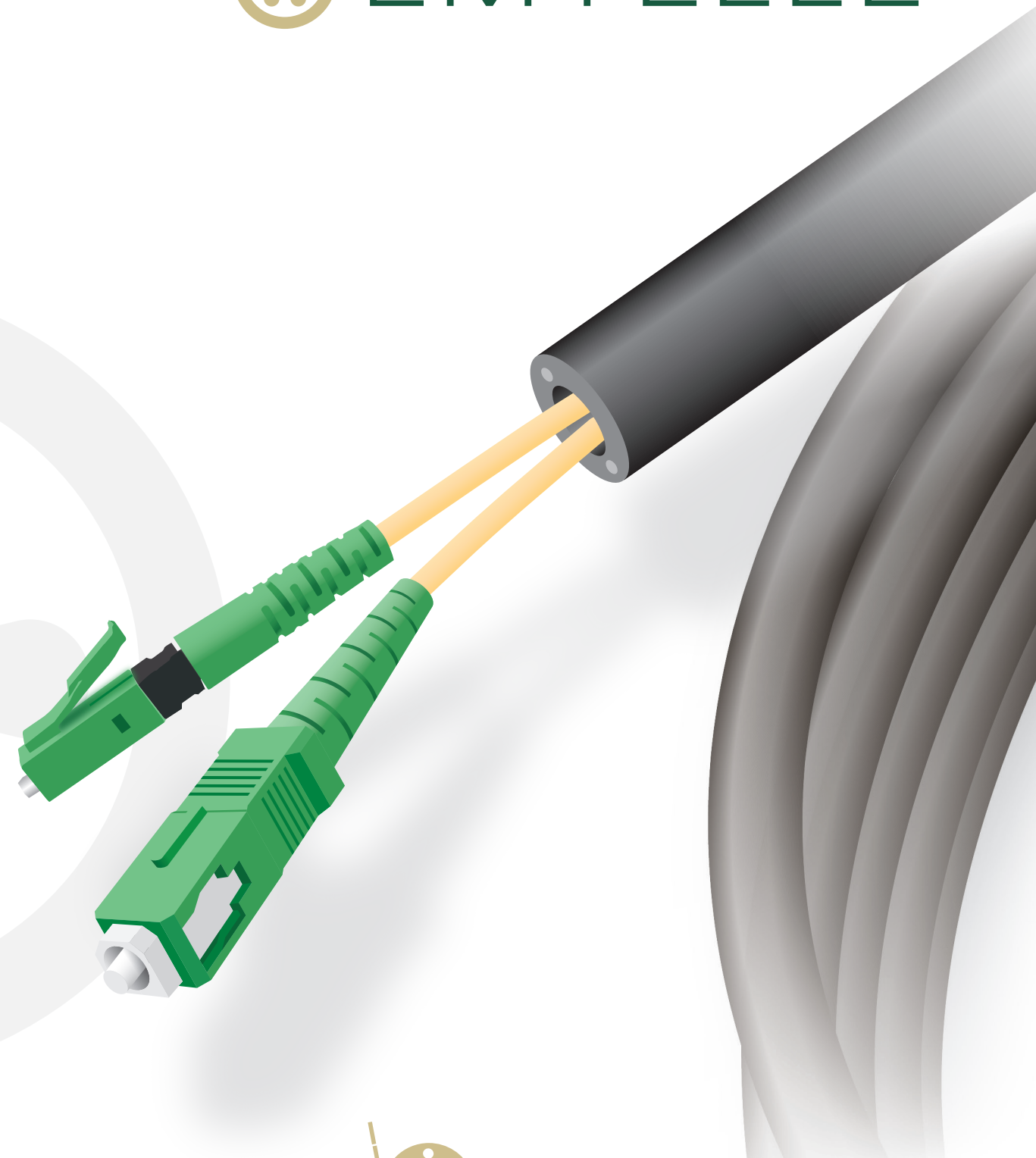
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www.emtelle.com
www.fibre-to-the-home.com



 **QWKconnect**
Pre-Connectorised Fibre
Microduct System

Emtelle QWKconnect - Pre-Connectorised Fibre Microduct System

With over 30 years of experience in the FTTx industry, Emtelle is a leading global manufacturer of FTTx Solutions. We have a proven track record, and a reputation for exemplary customer service.

Manufacturing

Manufacturing facilities in Scotland (2), Denmark and Germany with 70,000m² manufacturing space. Fully Integrated – in house manufacture of air blown fibre unit, microducts, optical fibre cables, duct and subduct. Over 20 billion metres of microducts manufactured and sold since 1993 - plus over 3 billion metres of fibre bundle since 2002.

Supplied in various lengths from 25 metres upto 500 metres in increments of 25 metre lengths

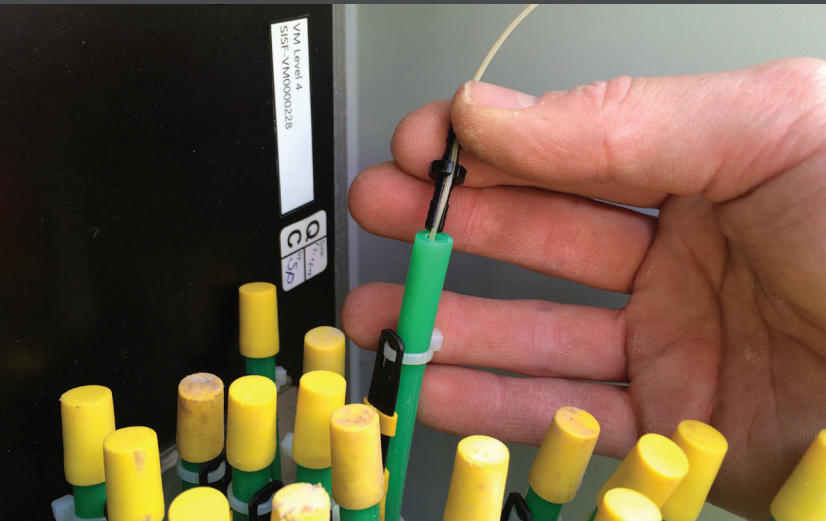


QWKconnect FibreMicroduct

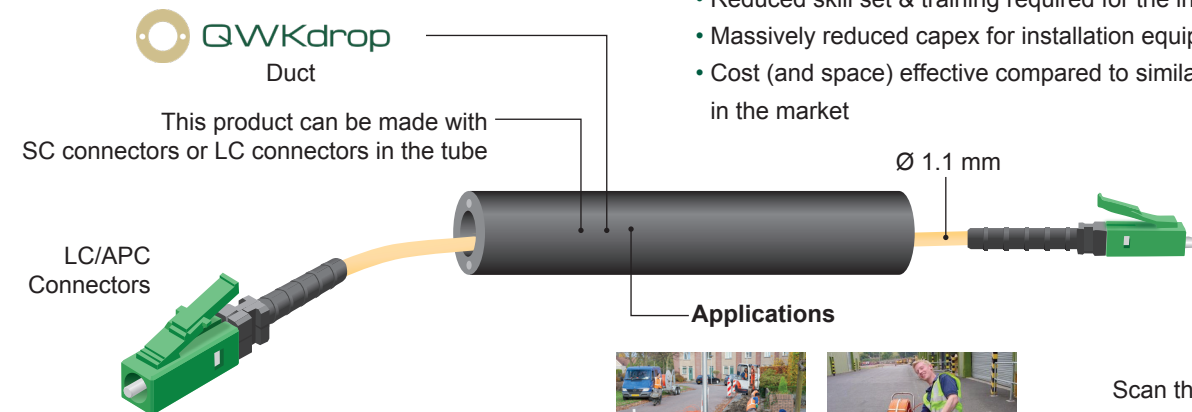
QWKlink fibre (part of the Emtelle FibreFlow brand) is a pre-connectorised fibre bundle which can have fibre connectors on both ends, eliminating the need to splice fibres for FTTx drop applications. Once the QWKlink has been installed, any excess fibre can be stored at the customer premises. It is then a simple process of plugging in each end.

We also have a new product where the QWKlink pre-connectorised fibre bundle can be pre-installed into QWKdrop microduct at the manufacturing process. This means that microducts from 5mm OD can be installed between the cabinet / POP / Splice enclosure and the homes with the QWKconnect fibre already installed, eliminating blowing costs and splicing costs for the operator.

As the QWKconnect fibre bundle is only 1.1mm in diameter, any excess fibre can easily be coiled into the CCP at the home



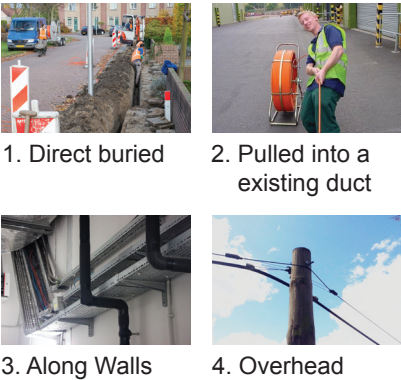
or in fibre management trays at the cabinet / POP / Splice Enclosure.
As an example – for an 80m run between a cabinet and a home, a 100m length of QWKconnect can be installed (with 20 metres of Microduct spare, incase of any measurement inaccuracies) and once the Microduct has been installed, any excess microduct can be 'Ringcut' at the LC end of the QWKconnect Fibre and guided over the LC connector, then discarded.



WHY USE QWKconnect :

- A duct that can be installed underground (direct buried and ducted), along walls or even overhead, including wifi antennas
- Fibre pre-installed can be connectorised at one end or both ends
- SC and LC APC connector options available
- No blowing or fibre splicing required for the customer drop
- Extremely small storage area for excess fibre
- Reduced skill set & training required for the install
- Massively reduced capex for installation equipment
- Cost (and space) effective compared to similar products in the market

Applications



1. Direct buried
2. Pulled into a existing duct
3. Along Walls
4. Overhead

QWKconnect Cost Savings

Emtelle QWKconnect, is a connectorised drop cable for FTTH that offers product and installation cost savings of over €160 per home and a reduction in installation equipment of €12,000 per 2 man team. QWKconnect also gives a futureproof, dedicated pathway to each home for many years to come. No product on the market offers a solution like this with such savings for a directly buried or ducted FTTH drop solution in a time when quality needs to be high and installation needs to be simple and reliable. QWKconnect is ideal for all fibre operators in their next FTTH roll out.

END A	END B
SC APC SIMPLEX	LCv APC SIMPLEX
SC APC SIMPLEX	NO CONNECTOR
SC APC DUPLEX	NO CONNECTOR
SC APC DUPLEX	LCv APC DUPLEX
Other options available	

Scan the QR-code with your smartphone and watch the QWKconnect video.

