





Cable Design



- **Micro-module:** Thin wall tubing (FlexTube®), filled with a suitable compound, housing 12 single-mode optical fibres.
- Longitudinal Water Tightness: water swellable elements (dry core).
- **Moisture barrier:** aluminium tape, applied longitudinally with an overlap, bonded to the inner sheath.
- Inner Sheath: PE
- Armour: layer of galvanized steel wires
- Outer Sheath: PE

- not to scale -

Features and Advantages

Installation in sewer.		
The flexible micro-modules provide easier storage & faster installation and access to the fibres without specific tools.	Static cable bending radius	15 x cable diameter
Heavy protection by the steel wires.	Temperature range	-30°C to +60°C

Technical dataNo. of Fibres144 - 432Cable diametermm13 - 20Cable weightkg/km285 - 675

International Standards : IEC 60794; IEC 60793; ITU-T Rec. G.650; ITU-T Rec. G.657.

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