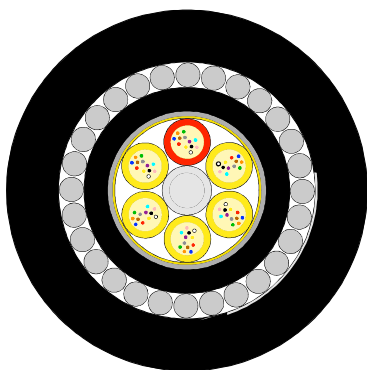


Railfoot Cable

Optical Cable – Moisture Barrier - Inner PE sheath - Steel Wire Armour - Outer PE sheath
Cable Design



- not to scale -

- **Fibre Identification:** Every fibre in a loose tube is uniquely identified by a different colour.
- **Moisture barrier:** The cable core covered with an aluminium foil applied longitudinally with an overlap. The aluminium foil is bonded to the sheath.
- **Inner Sheath:** PE (Black).
- **Armour:** One layer of galvanized soft steel wires (0.6mm) with a counter spiral of galvanized steel tape.
- **Outer Sheath:** PE (Black).

Features and Advantages

Steel wire armoured optical cable for installation on the railfoot, but also direct buried or trough/duct possible.
For train speed $\leq 160\text{km/h}$, average number of axles 1 million per year.

Technical data

No. of Fibres		4 - 24
Cable diameter	mm	15.3
Tensile max.	N	3500

Min. bending radius	mm	Without Tension 25 x Cable-Ø		
Temperature range	°C	Installation -10 to +50	Transport. & Storage -25 to +70	Operation -25 to +70

International Standards : IEC 60794; IEC 60793; ITU-T ;EN 50125

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