

Code: ULT-FC.E-2SM

## FIBER OPTIC CABLE **ULT-FC.E-2SM**

The ULT-FC.E-2SM is an universal fiber optic cable for indoor and outdoor applications.

The cable contains single-mode fibers in the G.657A2 standard with a diameter of 250 µm. The fibers are made in accordance with EN 50267-2-2, EN50268-2 and ISO 4892/2 standards.



Fiber type:	Single-mode, G.657A2, 9/125 µm, CORNING
Number of fibers:	2 pcs
Cable diameter:	3 mm
Cable weight:	8.5 kg / 1000 m
Fiber insertion loss:	< 0.36 dB/km for 1310 nm < 0.22 dB/km for 1550 nm
Buffer diameter:	250 µm
Crush resistance:	500 N / 100 mm
Minimal bend radius:	• 20 x outer diameter (during installation) • 10 x outer diameter (after installation)
Main features:	<ul style="list-style-type: none"> <li>• Very convenient to install</li> <li>• the LSZH (or LSOH) jacket - zero halogen, flame retardant and low smoke</li> <li>• Due to the reinforcement of aramid fibers, the cable has a high resistance to tension: 800 N</li> <li>• Water resistance - 3m water column for 24h</li> <li>• Class CPR: Eca</li> </ul>
Application:	<ul style="list-style-type: none"> <li>• due to the small size and flexibility, the cables are ideal for installation in cable ducts</li> <li>• it is used in modern FTTH and FTTB systems, in server rooms, between buildings installations</li> <li>• universal fiber optic cables intended for horizontal connections in buildings and outside buildings in secondary sewage system</li> </ul>
Operation temp:	-40 °C ... 60 °C
Installation temperature:	-10 °C ... 60 °C
Supported norms:	<ul style="list-style-type: none"> <li>• EN 50267-2-2</li> <li>• EN 50268-2</li> <li>• ISO 4892/2</li> </ul>
Guarantee:	2 years