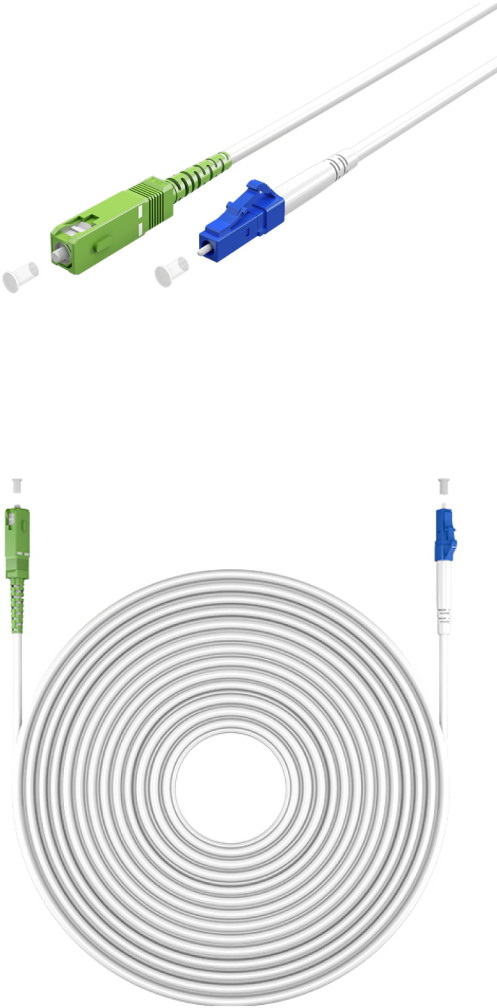


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A					<div><div><div>Fibre-optic Cable (FTTH), Singlemode (OS2)</div><div>White, (Simplex)</div></div><div><div><div><div><div>- mono-mode fibre optic cable designed for connection types such as FTTH, FTTB, FTTx, for use at home, in the office, in data centres etc.</div><div>- the patch cord forms the connection between the house transfer point and the Optical Network Terminal (ONT) indoors</div><div>- optical fibre cable for up to 100 Gbit/s that is bend-optimised and space-saving with a minimum bending radius of 30 mm (static)</div><div>- LSZH-compliant: cable sheath is halogen-free and flame-retardant according to IEC 60754 2, IEC 60332 1 and IEC 61034</div><div>- strain relief reinforced with aramid yarn provides extra stability</div><div>- equipped with dust protection caps, connector: Simplex, fibre type: OS2, SM singlemode 9/125µm according to ITU T G.657</div><div>- individual test protocol with measurement of return loss and insertion loss</div></div></div><div><div>Connection:</div><div>SC-APC (8°) plug, LC-UCP plug</div></div><div><div>Cable type:</div><div>Simplex cable</div></div><div><div>Cable type:</div><div>Glass fibre G657.A2</div></div><div><div>Specification:</div><div>Single mode (OS2)</div></div><div><div>Material tight buffer fiber:</div><div>LSZH</div></div><div><div>Diameter tight buffer fiber:</div><div>0.9 ± 0.05 mm</div></div><div><div>Material strength member:</div><div>aramid yarn</div></div><div><div>Material outer jacket:</div><div>LSZH</div></div><div><div>Diameter outer jacket:</div><div>3 mm</div></div><div><div>Color outer jacket:</div><div>white</div></div><div><div>Tensile load (short term):</div><div>80 N</div></div><div><div>Tensile load (long term):</div><div>40 N</div></div><div><div>Crush (short term):</div><div>500 N/100 mm</div></div><div><div>Crush (long term):</div><div>200 N/100 mm</div></div><div><div>Cable attenuation:</div><div>SM: ≤ 0.4 dB/km at 1310 nm, ≤ 0.3 dB/km at 1550 nm</div></div><div><div>Diameter of fibre optic core:</div><div>9 µm</div></div><div><div>Diameter of fibre optic sheath:</div><div>125 µm</div></div><div><div>Insertion loss:</div><div>97 % ≤ 0.25 dB; mean ≤ 0.12 dB</div></div><div><div>Return loss:</div><div>APC ≥ 60 dB UPC ≥ 50 dB</div></div><div><div>Wavelength:</div><div>1310 nm</div></div><div><div>Bending radius (static):</div><div>30 mm</div></div><div><div>End face inspection:</div><div>400x</div></div><div><div>Operating temperature:</div><div>-40 °C ~ +85 °C</div></div></div></div></div>										A				
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