

SST-UltraRibbon Single-Tube, Gel-Free Cable 864 F, Bend-improved Single-mode (OS2)

CORNING

Part Number:
864ZV4-14100D53

Corning SST-UltraRibbon gel-free cables continue the innovative breakthrough in outdoor cable technology by introducing a new generation of high-fiber-count gel-free cables. Providing high-fiber-counts in a rugged, compact design, the enhanced coupling features ensure the ribbon stack and cable act as one unit, providing long-term reliability in aerial, duct and direct-buried applications. These features also minimize ribbon movement in situations where cable vibration may occur. The cable consists of a single buffer tube containing 24-fiber and 36-fiber ribbons wrapped within a water-swellaable foam tape and surrounded by a second water-swellaable tape. Each 24-fiber and 36-fiber ribbon can be easily separated by hand into 12-fiber ribbons. Strength members located 180 degrees apart under the cable jacket provide tensile and anti-buckling strength. The cable is jacketed with a black UV-resistant polyethylene sheath.

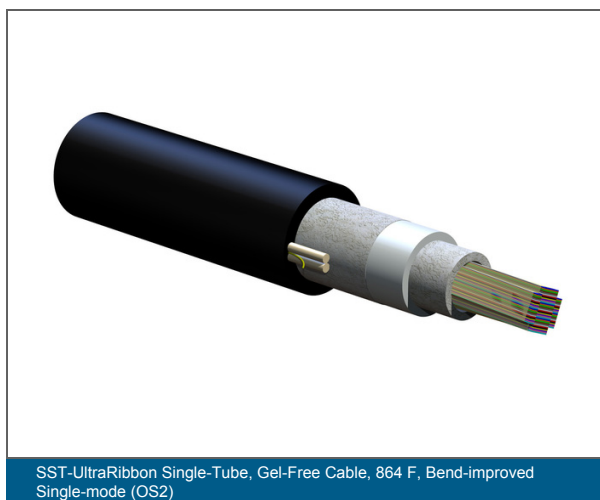
Features and Benefits

Gel-free with no filling compound
Eliminates time and labor of cleaning

Innovative waterblocking technology
Prevents water penetration

Up to 864 fibers in a compact design
Maximizes use of critical duct space

12-fiber ribbons individually numbered
Easy identification



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Specifications

General Specifications

Fiber Category	Single-mode (OS2)
Cable geometry	Round

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Cable Design

Fiber Count	864
Ribbons per Tube	12 and 16
Fibers per Ribbon	24

Mechanical Specifications

Max. Tensile Strength, Long-Term	890 N (200.08 lbf)
Max. Tensile Strength, Short-Term	2700 N (606.98 lbf)
Nominal Outer Diameter	23.4 mm (0.92 in)
Min. Bend Diameter Operation	702 mm (27.64 in)
Min. Bend Diameter Installation	702 mm (27.64 in)

Optical Characteristics

Fiber Code	Z
Fiber Name	SMF-28® Ultra fiber
Fiber Type	Single-mode
Performance Option Code	00
Maximum Attenuation	0.35 dB/km / 0.35 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm

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Optical Characteristics	
Fiber Category	G.652.D/G.657.A1



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