

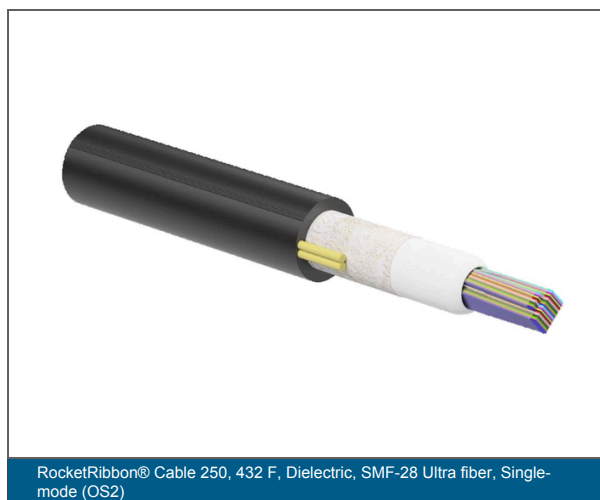
RocketRibbon® Cable-250 432 F, Dielectric, Bend-Improved Single-Mode (OS2)

CORNING

Part Number:
432ZV4-14700S53

Corning RocketRibbon® Cable-250 with FastAccess® Technology represent a truly innovative breakthrough in outside plant cable technology. Providing up to 864 fibers in a compact design and long-term reliability in aerial, duct, and direct-buried applications.

The FastAccess® jacket reduces access times and limits overall risk of inadvertent fiber damage by reducing the need for sharp access tools. Dielectric or steel strength members located 180 degrees apart under the cable jacket provides tensile and anti-buckling strength. The cable jacket includes enhanced cable markings with key cable specifications. The 12-fiber ribbons have readily identifiable ribbon IDs, fiber colors and geometries that result in excellent mass-splicing yields. Central stack variants provide up to 432 fibers, a single stack of 12 and/or 24-fiber ribbons surrounded by a protective foam and water-blocking elements ensure the cable acts as one unit. Stranded variants provide up to 864 fibers, with up to 6 subunits containing stacks of 144 fibers that can be easily routed directly into hardware without furcation. Each subunit is finger-peelable and contains two water-blocking yarns that act as ripcords, enabling rapid access to the ribbon stack for faster termination. The conventional 12-fiber ribbon is maintained, ensuring robustness and installer familiarity.



Features and Benefits

24-fiber ribbons

Increased fiber density, easily separated by hand

Innovative waterblocking technology

Prevents water penetration

12-fiber ribbons individually numbered

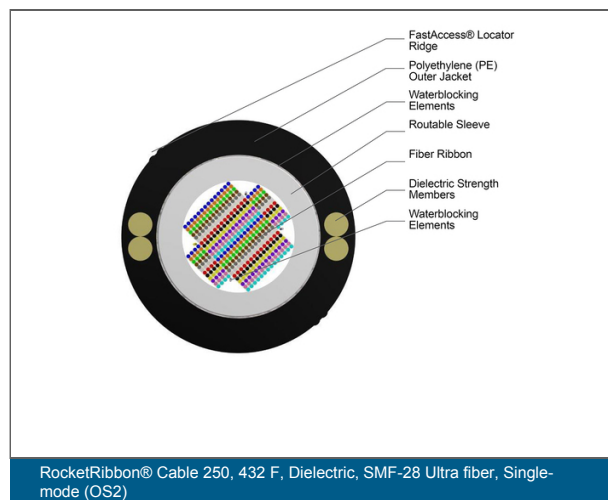
Easy identification

Gel-free with no filling compound

Eliminates time and labor of cleaning

FastAccess® Jacket

Reduces time and risk by limiting need for sharp tools



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Specifications

General Specifications	
Cable Type	Ribbon
Environment	Outdoor
Product Type	Dielectric
Fiber Category	Single-mode (OS2)
Application	Aerial, Duct
Fiber Count	432
Cable geometry	Round

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Common Installations	Outdoor duct and aerial
Design and Test Criteria	ANSI/ICEA S-87-640, Telcordia GR-20

Cable Design	
Fiber Count	432
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Number of Ribbons	22
Tape	Waterblocking foam tape
Ribbons per Subunit	12 F x 4 Ribbon / 24 F x 14 Ribbon / 12 F x 4 Ribbon
Ribbons per Tube	32

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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	15.7 mm (0.62 in)
Min. Bend Diameter Operation	472 mm (18.58 in)
Min. Bend Diameter Installation	472 mm (18.58 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
Fiber Category	G.652.D/G.657.A1

Dimensions

Cable Weight	155 kg/km (104.16 lb/1000 ft)
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