

# RocketRibbon™ Extreme Density Cable 1728 F, SMF-28® Ultra fiber, Single-mode (OS2)

CORNING

**Part Number:**  
**H28ZQ4-14101S53**

Corning high-density gel-free cables offer the ultimate combination of fiber density and ease-of-use in extreme fiber count outside plant cabling. Providing fibers in an extreme density design, flexible subunits containing stacks of 288 fibers can be easily routed directly into hardware without furcation. Each subunit is also finger-peelable, enabling rapid access to the ribbon stack for faster termination. The conventional 12-fiber ribbon is maintained, ensuring robustness, installer familiarity and no change to the long established mass-fusion splicing process. Each individual ribbon within the subunit features a unique printed ID for fast, easy identification and efficient fiber splicing management.

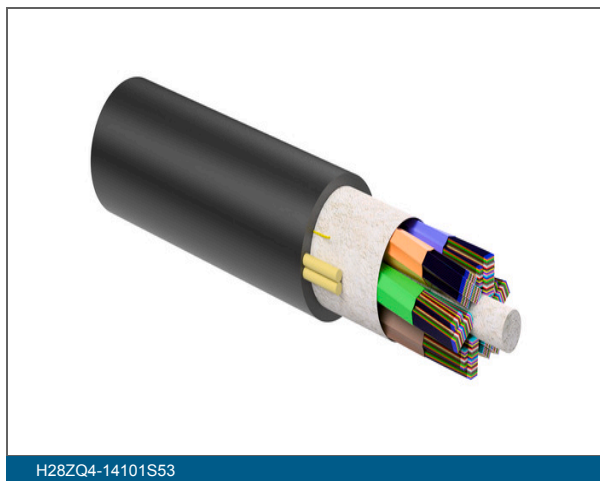
## Features and Benefits

### Unique subunit design

Flexible, finger-peelable subunits provide protection of each 288-fiber ribbon stack, eliminating the need for furcation when routing directly into hardware and enabling individual access to each ribbon for efficient management in splice trays.

### Complete gel-free design

No messy filling or flooding compounds mean elimination of time, labor and risk associated with cleaning ribbons, enabling cleaner work areas, simplified splice preparation and less installer error.



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## Specifications

### Cable Design

Fiber Count	1728
Number of Ripcords	2
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
Tape	Water-swellable
Subunit Color	Blue, Orange, Green, Brown, Slate, White
Number of Subunits	6
Ribbons per Subunit	16

### Mechanical Specifications

Max. Tensile Strength, Long-Term	890 N
Max. Tensile Strength, Short-Term	2700 N
Min. Bend Radius Installation	375 mm (14.76 in)
Min. Bend Radius Operation	375 mm (14.76 in)
Nominal Outer Diameter	26 mm (1.02 in )

### Environmental Conditions

Temperature Range, Installation	-20 °C to 70 °C (-4 °F to 158 °F )
Temperature Range, Operation	-40 °C to 70 °C (-40 °F to 158 °F )
Temperature Range, Storage	-40 °C to 70 °C (-40 °F to 158 °F )

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## General Specifications

Environment	Outdoor
Cable Type	Ribbon
Product Type	Dielectric
Fiber Category	SMF-28® Ultra fiber
Application	Duct

## Ordering Information

Weight	452 kg/km
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## Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Meets Telcordia GR-20 requirements
Common Installations	Duct and indoor when installed according to National Electrical Code® (NEC®) Article 770
Design and Test Criteria	ANSI/ICEA S-87-640, Telcordia GR-20



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