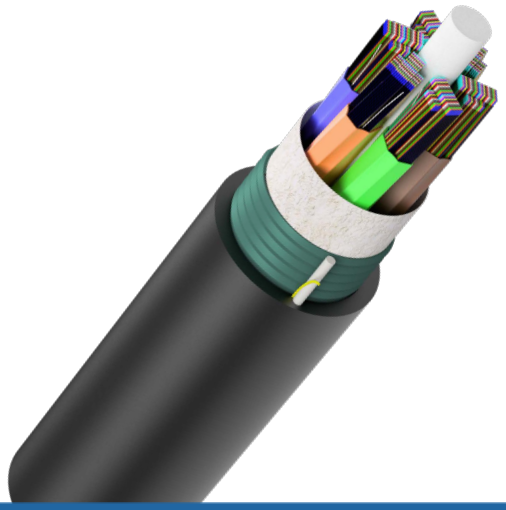
RocketRibbon™ Extreme Density Cable

1728 F, Armored, SMF-28® Ultra fiber, Single-mode (OS2)

CORNING

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 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, installer familiarity and no change to the long established mass-fusion splicing process. Each individual ribbon within the subunit featu-res a unique printed ID for fast, easy identification and efficient fiber splicing management. The single-armored construction provides additional crush and rodent protection. These cables have a polyethylene jacket that is rugged, durable anf easy to strip.



Part Number: H28ZQ5-14101S53

Features and Benefits

Unique subunit design

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

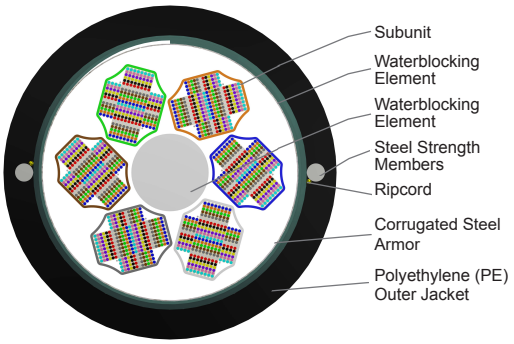
Complete gel-free design

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

Common Installations	Duct and indoor when installed according to National Electrical Code® (NEC®) Article 770

Standards

Design and Test Criteria	ANSI/ICEA S-87-640 Telcordia GR-20



Cross Section of Part Number: H28ZQ5-14101S53

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Specifications

General Specifications	
Environment	Outdoor
Application	Duct, Direct Buried
Cable Type	Ribbon
Product Type	Dielectric

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

Cable Design	
Fiber Count	1728
Fibers per Ribbon	12 F x 4 Ribbon / 24 F x 8 Ribbon / 12 F x 4 Ribbon
Ribbons per Subunit	16
Maximum Fibers per Subunit	288
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Subunit Color	Blue, Orange, Green, Brown, Slate, White
Number of Subunits	6
Water-blocking elements	Water-blocking tape and yarns
Tensile Strength Elements and/or Armoring	Corrugated steel tape armor and steel strength members
Number of Ripcords	2
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Color	Black
Cable Marking	Print in ft with SOCC

Mechanical Characteristics Cable	
Max. Tensile Strength, Short-Term	2700 N (600 lbf)
Max. Tensile Strength, Long-Term	890 N (200 lbf)
Weight	633 kg/km (425 lb/1000 ft)
Nominal Outer Diameter	28 mm (1.1 in)
Min. Bend Radius Installation Outdoor Cable	420mm (16.5 in)
Min. Bend Radius Operation Outdoor Cable	420 mm (16.5 in)

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Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	SMF-28® Ultra fiber
Fiber Category	G.652.D/G.657.A1
Fiber Code	Z
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km

* with 5 percent of fibers up to 0.5/0.5/0.4

Ordering Information

Part Number	H28ZQ5-14101S53
Product Description	RocketRibbon™ Extreme Density Cable, 1728 F, SMF-28® Ultra fiber, Single-mode (OS2)

RoHS COMPLIANT

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