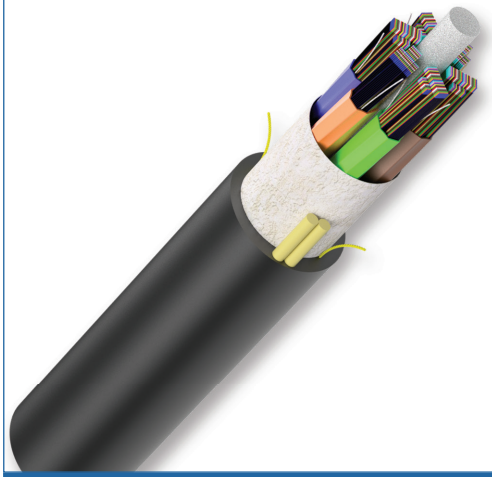
RocketRibbon™ Extreme Density Cable

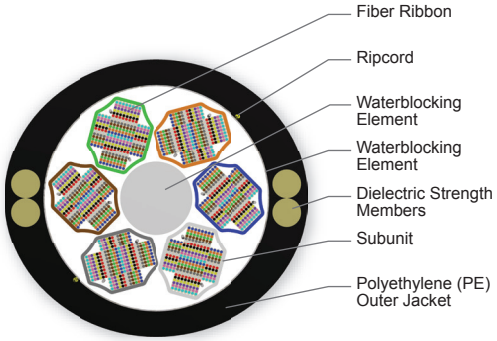
200 µm, 1728 F, SMF-28® Ultra 200 fiber, Single-mode (OS2)

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 also 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.



Part Number: H28ZQ4-14141S53



Cross Section of Part Number: H28ZQ4-14141S53

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.

Standards

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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Specifications

General Specifications	
Environment	Outdoor
Application	Duct
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
Ribbons per Subunit	16 (12 F x 4 Ribbon / 24 F x 8 Ribbon / 12 F x 4 Ribbon)
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 - Layer 1	Dielectric 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	380 kg/km (254 lb/1000 ft)
Nominal Outer Diameter	22 mm (0.87 in)
Min. Bend Radius Installation	330 mm (13.05 in)
Min. Bend Radius Operation	330 mm (13.05 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 200 fiber
Fiber Category	G.652.D/G.657.A1
Fiber Code	Z
Performance Option Code	41
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km

Notes: 1) *Contact a Corning Customer Care Representative for additional information.*
2) *Maximum attention value of up to 0.5/0.5/0.4 with five percent of fibers*

Ordering Information

Part Number	H28ZQ4-14141S53
Product Description	RocketRibbon™ Extreme Density Cable, 200 µm, 1728 F, SMF-28® Ultra 200 fiber, Single-mode (OS2)

RoHS COMPLIANT

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