

DROP CABLE

Technical data pages by Spectrum

Fiber Optic Drop Cable 4 F, Single-mode (OS2)
ITU-T G.657. A1



Part Number: **072534**



Spectrum Drop cable is another innovative breakthrough in cable technology and introduces a new generation of gel-free cables that provide up to 4 fibers in a rugged, compact design.

The cable is jacketed with a black UV-resistant polyethylene sheath. The one-step cable access simplifies cable preparation work and eliminates the need for special tools in mid-span applications.

Features and Benefits

One-step cable access

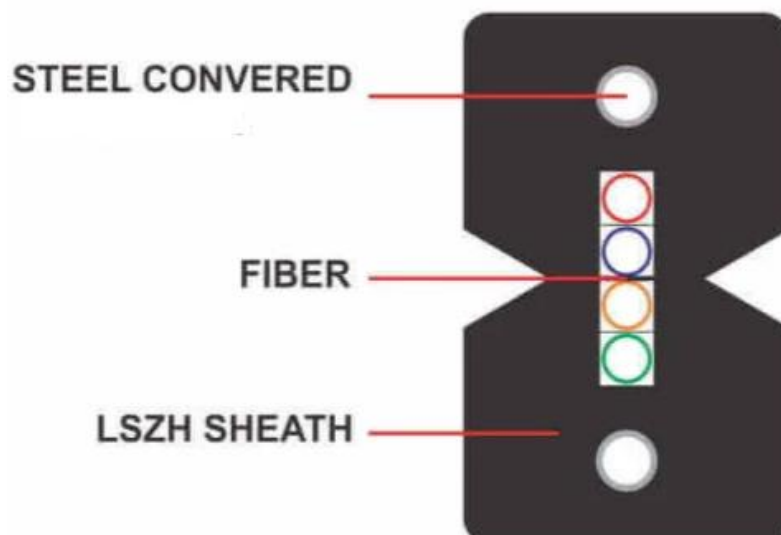
Simplifies prep work, no special tools needed

Gel-free with no filling compound

Eliminates time and labor of cleaning

900 μ m buffered fibers

Easy, consistent stripping



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Technical Specification

Product Type	
Installation Methods	Direct Buried, Duct, Drop
Cable Type	Single Tube
Environment	Outdoor, Indoor
Fiber Count	4
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Tensile Strength Elements and/or Armoring	Steel Wire
Fiber Coloring	Blue, Orange
Fiber Category	OS2
Fiber Type	Single-mode (OS2)
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.30 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.657.A1
Fiber Core Diameter	9 µm
Nominal Outer Diameter	4.2 mm

Environmental Conditions	
Temperature Range, Installation	-30 °C to 70 °C (-22 °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)

Mechanical Specifications	
Max. Tensile Strength, Long-Term	890 N (200.08 lbf)
Max. Tensile Strength, Short-Term	2700 N (606.98 lbf)
Min. Bend Radius Installation	229 mm (9.02 in)
Min. Bend Radius Operation	229 mm (9.02 in)