

AccuDRY® Cable



Indoor/Outdoor

Totally Dry Cables Offer Streamlined and Cost-Effective Installation for a Broad Range of Indoor/Outdoor Applications

Product Description

OFS AccuDRY® Fiber Optic Cables are totally dry, waterproof indoor/outdoor (I/O) cables. These tight buffered cables are flame-retardant, and provide excellent transmission performance, flexibility and connectivity for optical network systems in a variety of installation environments.

The construction of AccuDRY Cable begins with the selection of 12, 24 or 36 tight buffered fibers. For added strength and protection, the buffered fibers are surrounded by water-absorbing aramid yarns and water-blocking tapes. To complete the cable construction, a UV and mildew-resistant outer jacket is applied for outdoor weatherability.

The 12-fiber AccuDRY Cable uses a single jacket construction while fiber counts of 24 and 36 contain 4 and 6 units, respectively, with 6 fibers per unit. Each unit tube is color coded for easy identification, and contains aramid yarn for extra strength. An outer jacket is applied over the tube assembly for added protection and outdoor durability.

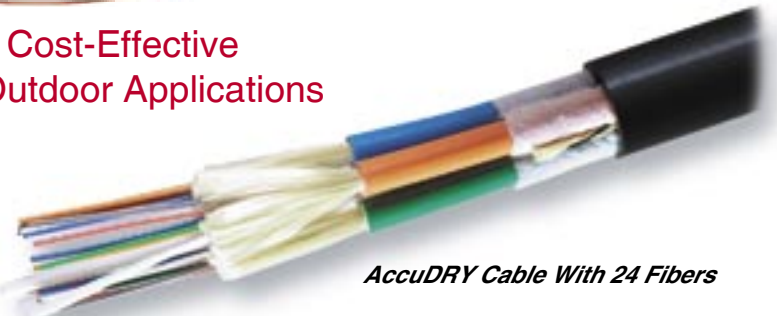
Why the AccuDRY Cables?

OFS AccuDRY Cables use a distinct buffering process that ensures a totally dry cable. Since no messy gels or flooding compounds are used, there is no need for grease cleanup, thereby reducing installation time and cost.

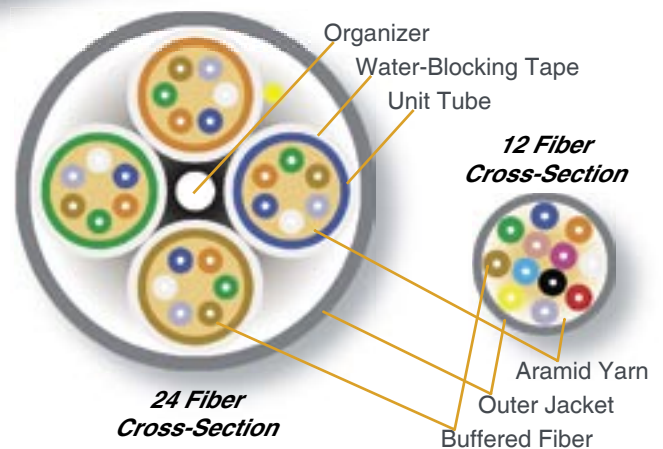
The use of tight-buffered fibers makes AccuDRY Cables “connector-ready”, allowing direct termination. By eliminating the need for entrance splicing, these cables save on equipment costs and installation time by allowing direct transition from indoor to outdoor applications with a single cable.

AccuDRY Cables were designed to handle virtually any application between buildings on a campus, or from a man-hole to the frame – for all indoor and outdoor environments. From frame to frame between buildings, these non-metallic, flame-retardant cables may be lashed to strand, buried or installed in a conduit.

The flame-retardant materials in AccuDRY Cables also allow riser and distribution use and are compliant with applicable Telcordia, TIA/EIA 455, and/or IEC 60794 standards.



AccuDRY Cable With 24 Fibers



Features and Benefits:

- Available in PVC riser and low smoke/zero halogen (LS0H) designs
- Totally dry, waterproof design saves on installation time
- Easy installation in space-constrained areas
- Superior tight buffering over a proprietary coating for minimal termination effort
- Simple to strip and allows longer lengths of buffer to be removed in a single pass
- Ensures lower total installed costs
- Individual, color-coded units allow easy identification
- 12, 24 and 36 fiber counts
- Rated for riser use (UL 1666 and CSA /OFN FT4) and low smoke/zero halogen applications (IEC 60332-3C, IEC 61034-2, NES 713, and IEC 60754-2)
- Available with OFS application specific fibers including LaserWave™ 300 and G+, single-mode and multimode fibers

Specifications:

Cable Attenuation (Maximum and Typical):

Cable Type	Attenuation	LaserWave™ 300 10 Gb/s Fiber		50µm Standard		62.5/125 µm Enhanced FDDI		Single-Mode Depressed Clad		Single-Mode Matched Clad	
		Wavelength	850 nm dB/km	1300 nm dB/km	850 nm dB/km	1300 nm dB/km	850 nm dB/km	1300 nm dB/km	850 nm dB/km	1300 nm dB/km	850 nm dB/km
Riser	Maximum	3.5	1.5	4.0	4.0	3.4	1.0	0.4	0.3	1.0	0.75
	Typical	2.5	0.8	3.0	1.5	2.5	0.6	0.33	0.25	0.5	0.4
LS0H	Maximum	3.5	1.5	4.0	4.0	3.4	1.0	0.4	0.3	1.0	0.75
	Typical	2.9	1.0	3.5	2.0	2.7	0.7	0.34	0.26	0.75	0.6

Cable Bandwidth:

Cable Type	Bandwidth	LaserWave 300 10 Gb/s Fiber		50µm Standard		62.5/125 µm Enhanced FDDI	
		Wavelength	850 nm MHz-km	1300 nm MHz-km	850 nm MHz-km	1300 nm MHz-km	850 nm MHz-km
All Cables	Minimum	2,000	500	500	500	200	500
	Typical	2,400	800	750	750	280	900

Fiber Count:

	Fibers	Riser			LS0H		
		12	24	36	12	24	36
Outside Diameter – mm (in.):		0.265 (6.7)	0.610 (15.5)	0.750 (19.1)	0.250 (6.4)	0.615 (15.6)	0.800 (20.3)
Cable Weight – kg/km (lb/kft):		38.9 (26.1)	212 (142)	312 (209)	35.3 (23.7)	227 (152)	343 (230)

Cable Temperature Range:

Cable Type:	Operating (0 Added)	Installation (No Damage)	Storage (Full Recovery)
Riser:	-40° to 85°C (-40° to 185°F)	-20° to 70°C (-4° to 158°F)	-40° to 85°C (-40° to 185°F)
LS0H:	-40° to 85°C (-40° to 185°F)	-20° to 70°C (-4° to 158°F)	-40° to 85°C (-40° to 185°F)

Ordering Information:

Fiber Type	Fiber Count	Product Code	Comcode
LaserWave™ 300 Riser-Rated	12	IO-012C-ZRX	109075549
	24	IO-024C-ZRX	109163956
	36	IO-036C-ZRX	109164053
LaserWave™ G+ Riser-Rated	12	IO-012C-HRX	109075481
	24	IO-024C-HRX	109163972
	36	IO-036C-HRX	109164079
AllWave® Riser-Rated	12	IO-012C-ARX	300417011
	24	IO-024C-ARX	300417029
	36	IO-036C-ARX	300417037
62.5 Multimode Riser-Rated	12	IO-012C-LRX	109075408
	24	IO-024C-LRX	109163915
	36	IO-036C-LRX	109164012

Maximum & Typical Reel Lengths:

Cable Type	Maximum Reel Length		Typical Reel Length	
	2-12 Fiber	18-36 Fiber	2-12 Fiber	18-36 Fiber
Riser	29,000 ft. (8.8 km)	15,000 ft. (4.57 km)	13,000 ft. (4.0 km)	6,000 ft. (1.8 km)
LSZH	29,000 ft. (8.8 km)	11,000 ft. (3.35 km)	13,000 ft. (4.0 km)	6,000 ft. (1.8 km)

For additional information please contact your sales representative. You can also visit our website at <http://www.ofsoptics.com> or call 1-888-fiberhelp. For regional assistance, contact:

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Leading Optical Innovations