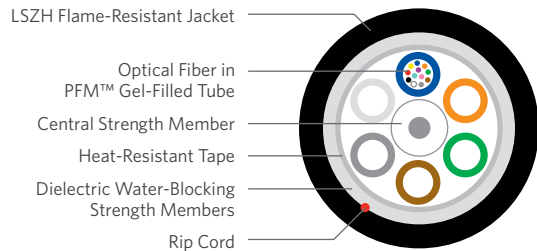
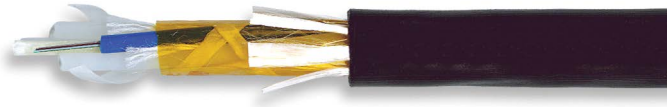


# Loose Tube Single Jacket All Dielectric Indoor/Outdoor LSZH

Series HZD



## PRODUCT DESCRIPTION

Low Smoke Zero Halogen cables are ideal for indoor/outdoor applications such as campus environments, tunnels and subway passages. Series HZD cables comply with NFPA-130, UL 1666 and are rated OFNR-LS. These dual purpose cables save money and installation time by allowing a direct transition from indoor to outdoor applications with a single cable. Because these cables are fully water blocked with PFM™ Gel, stripping and termination is faster. These cables comply with the standards for both Outside Plant (OSP) and indoor riser applications. The loose tube design offers reliable transmission performance over a broad temperature range. The durable, loose tube design features optical fibers placed inside PFM Gel-filled buffer tubes which are stranded around a central member. The core is wrapped with flexible strength members, covered with a heat-resistant, water-blocking tape and then encased with a black, flame and sunlight-resistant jacket. A rip cord is included under the jacket for ease of entry.

## SPECIFICATIONS

Fiber Count	Available in 6-fiber up to 288-fiber
Performance Compliance	Telcordia® GR-20-CORE NFPA-130 UL® 1666 UL 1685 RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR

Telcordia is a registered trademark of Ericsson Inc. UL is a registered trademark of UL LLC.

## ENVIRONMENTAL SPECIFICATIONS

Operation/Storage	-40°C to +70°C
Installation	-30°C to +70°C

## APPLICATIONS

- Underground duct and lashed aerial
- Campus environment
- Tunnels, subways, rapid rail

## FEATURES

- Available with up to 288-fiber
- Multiple fiber types including composites
- UL Listed, sunlight resistant
- Transitions from indoor to outdoor to indoor with no termination

## BENEFITS

- High fiber density
- Multiple network applications
- Longer cable life
- Reduces labor cost

## PART NUMBER KEY

F	H	1	6	-	-	-	-	x	x	x	-	E	9	9	1 or 2	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Fiber cable		Cable type			-	Fiber count (006-288)			Fiber type			-	Jacket color	Package		Jacket print

Contact Customer Service for availability of non-standard offerings.

## PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number <sup>1</sup>	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius	
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
OFNR-LS	FH10-006xxx-E99y	6	0.47 (11.8)	88 (131)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-012xxx-E99y	12	0.47 (11.8)	88 (131)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-024xxx-E99y	24	0.47 (11.8)	88 (131)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-036xxx-E99y	36	0.47 (11.8)	88 (131)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-048xxx-E99y	48	0.47 (11.8)	89 (133)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-060xxx-E99y	60	0.47 (11.8)	102 (152)	600 (2,700)	200 (890)	9.4 (236)	4.7 (118)
OFNR-LS	FH10-072xxx-E99y	72	0.49 (11.9)	104 (155)	600 (2,700)	200 (890)	9.8 (239)	4.9 (119)
OFNR-LS	FH10-096xxx-E99y	96	0.56 (12.4)	122 (182)	600 (2,700)	200 (890)	11.2 (249)	5.6 (124)
OFNR-LS	FH10-144xxx-E99y	144	0.69 (14.2)	166 (248)	600 (2,700)	200 (890)	13.8 (284)	6.9 (142)
OFNR-LS	FH10-216xxx-E99y	216	0.69 (14.2)	166 (248)	600 (2,700)	200 (890)	13.8 (284)	6.9 (142)
OFNR-LS	FH10-288xxx-E99y	288	0.97 (20.0)	204 (303)	600 (2,700)	200 (890)	19.4 (400)	9.7 (200)

## FIBER TYPES:

### SINGLE MODE

Reduced Water Peak	Corning® RWP	Zero Water Peak	TeraFlex® Bend Resistant				
			G.657.A1	G.657.A2	G.657.B3	NZDS	LEAF

<sup>1</sup>Replace "xxx" with:

U10	C10	U17	U13	U14	U15	U19	C19
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### MULTIMODE

TeraFlex Bend Resistant Laser Optimized 50/125			
TeraGain®	62.5/125	10G/150	10G/300
		10G/550	

U23	U28	U30	U32
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See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.

## JACKET PRINT

Feet      Meters

<sup>1</sup>Replace "y" with:

1      2