

INDOOR Interconnect

1-fiber, 2-fiber and zip

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Product Highlights

- RoHS & REACH compliant.
- 900 micron buffered design recommended for easy termination.
- All Multimode, and single-mode cables (except OM1) utilize bend-insensitive optical fibers.
- Ideal for patch cords, interconnections, and short runs.
- Easy to strip and terminate.
- Lightweight, flexible aramid yarns enhance strength.
- Extremely flexible for easy handling.

Applications

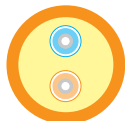
- Applications include 10, 40 & 100 gigabit Ethernet, Fibre Channel, Video, Security, Automation. See Page 93 of Catalog.

Options

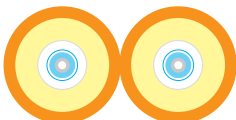
- Cables with 600 micron buffer available.
- OS2 optical fibers with enhanced bend-insensitive performance are available.
- Standard jacket colors are:
 - Yellow: OS2
 - Orange: OM1 & OM2
 - Aqua: OM3 & OM4
 Note: Violet for OM4 is available
- OM4 optical fibers with extended 10 gigabit Ethernet distances are available.



1-fiber Interconnect



2-fiber Interconnect



2-fiber Zip Cord

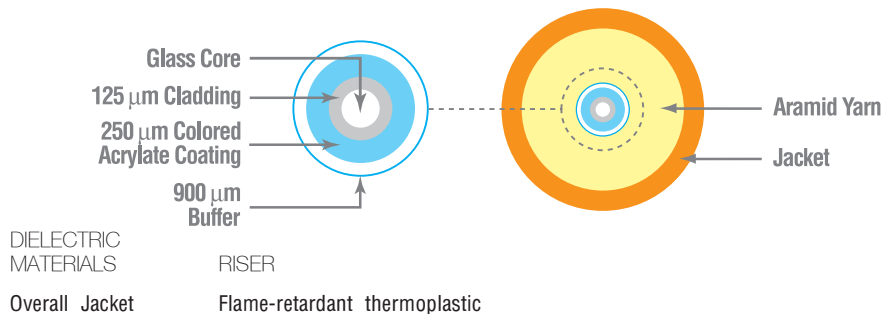
Diagram scale approx. 5:1

Interconnect (Riser)

(UL) OFNR c(UL) OFNR FT4

FIBER COUNT	62.5 UM OM1	50 UM OM2	50 UM OM3	50 UM OM4	8.3 UM OS2
1	60001-1	60004-1	60464-1	61838-1	60040-1
1	60037-1	60003-1	60465-1	61791-1	60039-1
1	60038-1	60002-1	60466-1	61792-1	60010-1
1	60425-1	60462-1	60467-1	61793-1	60489-1
2	60001-2	60004-2	60464-2	61838-2	60040-2
2	60514-2	60063-2	60463-2	61842-2	60012-2
zip	60288-2	60376-2	61483-2	61988-2	60289-2
zip	60005-2	60007-2	60501-2	61844-2	60011-2

Features



Interconnect (Riser)

(UL) OFNR c(UL) OFNR FT4

FIBER COUNT	CABLE in.	O.D. mm	RECOMMENDED MAXIMUM LOADS				CABLE WEIGHT	
			INSTALL		OPERATION		lbs/1000 ft	kg/1000m
			lbs-f	N	lbs-f	N		
1	0.114	2.9	96	427	48	213	4.9	7.3
1	0.094	2.4	64	285	32	142	3.6	5.4
1	0.079	2.0	50	223	25	111	3.2	4.8
1	0.063	1.6	50	223	25	111	1.8	2.7
2	0.114	2.9	96	427	48	213	4.3	6.4
2	0.190	4.8	128	569	64	284	11.5	17.1
zip	.079 x .170	2.0 x 4.3	96	427	48	213	5.7	8.5
zip	.113 x .240	2.9 x 6.1	128	569	64	284	10.2	15.2

Cable Temperature Ranges

Storage: -40° to 70°C (-40° to 158°F)
 Installation: -10° to 60°C (14° to 140°F)
 Operating: -20° to 70°C (-4° to 158°F)

Mechanical Specifications

- Bend radius, no load = 10x cable overall diameter
- Bend radius, load = 15x cable overall diameter



Optical Specifications

TIA/EIA-568-C.3 | ISO/IEC 11801, 2nd edition | Telcordia GR-409-CORE

Fiber type	Max. Attenuation		Min OFL Bandwidth		Min EMBC Bandwidth		Gb Ethernet distance		10 Gb Ethernet distance	
	(dB/km)		(MHz-km)		(MHz-km)		(m)		(m)	
	850nm (MM) or 1310nm (SM)	1300nm (MM) or 1550nm (SM)	850nm (MM) or 1310nm (SM)	1300nm (MM) or 1550nm (SM)	850nm (MM) or 1310nm (SM)	1300nm (MM) or 1550nm (SM)	850nm (MM) or 1310nm (SM)	1300nm (MM) or 1550nm (SM)	850nm (MM) or 1310nm (SM)	1300nm (MM) or 1550nm (SM)
OM1	3.5	1.0	200	500	220	N/A	300	550	33	N/A
OM2	3.5	1.0	700	500	950	N/A	750	550	150	N/A
OM3	3.25	1.0	1500	500	2000	N/A	1000	550	300	N/A
OM4	3.0	1.0	3500	500	4700	N/A	1100	550	550	N/A
OS2	0.5	0.5	N/A	N/A	N/A	N/A	> 25,000	> 40,000	10,000 - 25,000	40000

Hitachi Cable America reserves the right to revise any specifications.

