

## 2 through 18 fibers

### Product Highlights

- .098 in. (2.5 mm) aramid filled subunits
- User-friendly “break-out” design
- High tensile strength
- Flexible aramid yarns and individual jackets add strength to each fiber
- Color-coded subunits facilitate identification
- Color-coded and number-coded subunits facilitate identification for cables containing more than 12 fibers

### Options

- Cables with improved attenuation available



2-fiber



4-fiber



6-fiber



8-fiber



10-fiber



12-fiber

Diagram scale approx. 2:1

## 50/125 μm Multimode Breakout (Riser)

(UL) OFNR c(UL) FT4

HITACHI PART NO.	FIBER COUNT	CABLE O.D.		MAXIMUM LOAD INSTALL		OPERATION		CABLE WEIGHT		
		in.	mm	lbs-ft	N	lbs-ft	N	lbs/1000ft	kg/1000m	
50/125 μm Multimode (50/125/250/900)										
60017-2	2	.318	8.0	300	1200	100	400	39.9	59.4	
60017-4	4	.318	8.0	300	1200	100	400	38.9	57.9	
60017-6	6	.377	9.5	500	2500	200	1000	57.3	85.3	
60017-8	8	.437	11.0	500	2500	200	1000	76.2	113	
60017-10	10	.498	12.6	600	2700	200	1000	111	165	
60017-12	12	.513	13.0	600	2700	200	1000	103	153	
60017-14	14	.513	13.0	600	2700	200	1000	103	154	
60017-16	16	.543	13.7	600	2700	200	1000	116	173	
60017-18	18	.572	14.5	600	2700	200	1000	132	196	

### 50/125 μm StratusClear™ Multimode (50/125/250/900)

60662-2	2	.318	8.0	300	1200	100	400	39.9	59.4
60662-4	4	.318	8.0	300	1200	100	400	38.9	57.9
60662-6	6	.377	9.5	500	2500	200	1000	57.3	85.3
60662-8	8	.437	11.0	500	2500	200	1000	76.2	113
60662-10	10	.498	12.6	600	2700	200	1000	111	165
60662-12	12	.513	13.0	600	2700	200	1000	103	153
60662-14	14	.513	13.0	600	2700	200	1000	103	154
60662-16	16	.543	13.7	600	2700	200	1000	116	173
60662-18	18	.572	14.5	600	2700	200	1000	132	196

## Optical Specifications

TIA/EIA-568-B.3/B.3-1

ISO/IEC 11801, 2nd edition

Bellcore GR-409-CORE

	50/125 μm MULTIMODE	STRATUSCLEAR 50/125 μm MULTIMODE
MAXIMUM ATTENUATION	≤ 3.5 dB/km at 850 nm ≤ 1.0 dB/km at 1300 nm	≤ 3.25 dB/km at 850 nm ≤ 1.0 dB/km at 1300 nm
MINIMUM BANDWIDTH (OFL)	500 MHz•km at 850 nm 500 MHz•km at 1300 nm	1500 MHz•km at 850 nm 500 MHz•km at 1300 nm
MINIMUM BANDWIDTH (RML)	510 MHz•km at 850 nm n/a	1400 MHz•km at 850 nm n/a
GIGABIT ETHERNET SUPPORT DISTANCE	600 m at 850 nm 600 m at 1300 nm	1000 m at 850 nm 1000 m at 1300 nm
10 GIGABIT ETHERNET SUPPORT DISTANCE	n/a n/a	300 m at 850 nm n/a

# Breakout

## 50/125 $\mu\text{m}$ and StratusClear™ Multimode

### 50/125 $\mu\text{m}$ Multimode Breakout (Plenum)

(UL) OFNP c(UL) FT6

HITACHI PART NO.	FIBER COUNT	CABLE O.D.		MAXIMUM LOAD INSTALL		OPERATION		CABLE WEIGHT		
		in.	mm	lbs-ft	N	lbs-ft	N	lbs/1000ft	kg/1000m	
50/125 $\mu\text{m}$ Multimode (50/125/250/900)										
60036-2	2	.318	8.0	300	1200	100	400	47.3	70.4	
60036-4	4	.318	8.0	300	1200	100	400	44.8	66.6	
60036-6	6	.377	9.5	500	2500	200	1000	64.4	95.9	
60036-8	8	.437	11.0	500	2500	200	1000	86.2	128	
60036-10	10	.498	12.6	600	2700	200	1000	126	188	
60036-12	12	.513	13.0	600	2700	200	1000	118	175	
60036-14	14	.513	13.0	600	2700	200	1000	116	172	
60036-16	16	.543	13.7	600	2700	200	1000	129	193	
60036-18	18	.572	14.5	600	2700	200	1000	146	217	

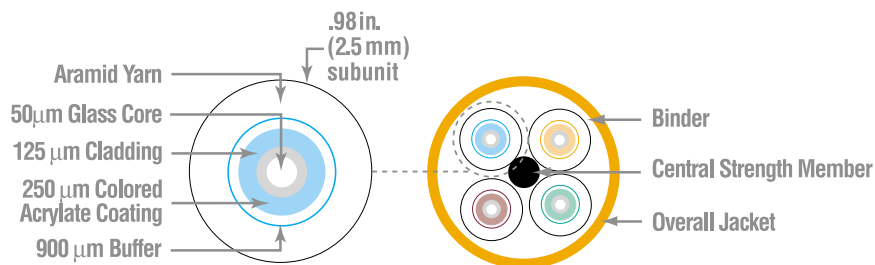
### 50/125 $\mu\text{m}$ StratusClear™ Multimode (50/125/250/900)

60663-2	2	.318	8.0	300	1200	100	400	47.3	70.4
60663-4	4	.318	8.0	300	1200	100	400	44.8	66.6
60663-6	6	.377	9.5	500	2500	200	1000	64.4	95.9
60663-8	8	.437	11.0	500	2500	200	1000	86.2	128
60663-10	10	.498	12.6	600	2700	200	1000	126	188
60663-12	12	.513	13.0	600	2700	200	1000	118	175
60663-14	14	.513	13.0	600	2700	200	1000	116	172
60663-16	16	.543	13.7	600	2700	200	1000	129	193
60663-18	18	.572	14.5	600	2700	200	1000	146	217

### Mechanical Specifications

- Bend radius, no load = 4x cable overall diameter
- Bend radius, load = 10x cable overall diameter

### Features



#### DIELECTRIC MATERIALS

Overall Jacket

#### RISER

Flame-retardant thermoplastic

#### PLENUM

Low-smoke, flame-retardant thermoplastic

