

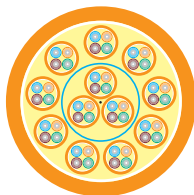
MultiUnit 12 through 144 fibers

Product Highlights

- RoHS compliant
- Each fiber is color coded for easy identification
- Compact distribution design
- Ideal intra-building, multi-floor cable solution
- Lightweight, flexible aramid yarns enhance strength

Options

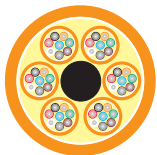
- Cables with a 600 micron buffer available
- Cables with improved attenuation available
- Low smoke zero halogen available



48-fibers (12 tubes of 4-fibers)



48-fibers (8 tubes of 6-fibers)



48-fibers (6 tubes of 8-fibers)



48-fibers (4 tubes of 12-fibers)

Diagram scale approx. 1:1

62.5/125 μ m Multimode MultiUnit (Riser)

(UL) OFNR c(UL)us FT4

| HITACHI PART NO. | # OF FIBERS PER TUBE | FIBER COUNT | TUBE LAYOUT | CABLE O.D. | | MAXIMUM LOAD INSTALL | | OPERATION | | CABLE WEIGHT | |
|--|----------------------|-------------|-------------|------------|------|----------------------|------|-----------|------|--------------|----------|
| | | | | in. | mm | lbs-f | N | lbs-f | N | lbs/1000ft | kg/1000m |
| 62.5/125 μm Multimode (62.5/125/250/900) | | | | | | | | | | | |
| 60369-12 | 2 | 12 | 6xCSM | .650 | 16.5 | 768 | 3418 | 384 | 1709 | 126.0 | 187.7 |
| 60369-24 | 2 | 24 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 208.0 | 309.9 |
| 60564-24 | 4 | 24 | 6xCSM | .650 | 16.5 | 768 | 3418 | 384 | 1709 | 135.0 | 201.2 |
| 60564-48 | 4 | 48 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 225.0 | 335.3 |
| 60567-18 | 6 | 18 | 3xCSM | .499 | 12.6 | 384 | 1709 | 192 | 854 | 75.0 | 111.8 |
| 60567-24 | 6 | 24 | 4xCSM | .538 | 13.6 | 512 | 2279 | 256 | 1139 | 93.0 | 138.6 |
| 60567-36 | 6 | 36 | 6xCSM | .650 | 16.5 | 768 | 3418 | 384 | 1709 | 143.0 | 213.1 |
| 60567-48 | 6 | 48 | 8xCSM | .792 | 20.1 | 1024 | 4557 | 512 | 2279 | 222.0 | 330.8 |
| 60567-72 | 6 | 72 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 241.0 | 359.1 |
| 60569-24 | 8 | 24 | 3xCSM | .579 | 14.7 | 480 | 2136 | 240 | 1068 | 97.0 | 144.5 |
| 60569-32 | 8 | 32 | 4xCSM | .634 | 16.1 | 640 | 2848 | 320 | 1424 | 122.0 | 181.8 |
| 60569-48 | 8 | 48 | 6xCSM | .770 | 19.5 | 960 | 4273 | 480 | 2136 | 191.0 | 284.6 |
| 60569-72 | 8 | 72 | 9xCSM | 1.00 | 25.4 | 1440 | 6409 | 720 | 3204 | 350.0 | 521.5 |
| 60006-36 | 12 | 36 | 3xCSM | .579 | 14.7 | 480 | 2136 | 240 | 1068 | 106.0 | 157.9 |
| 60006-48 | 12 | 48 | 4xCSM | .634 | 16.1 | 640 | 2848 | 320 | 1424 | 134.0 | 199.7 |
| 60006-60 | 12 | 60 | 5xCSM | .701 | 17.8 | 800 | 3561 | 400 | 1780 | 169.0 | 251.8 |
| 60006-72 | 12 | 72 | 6xCSM | .770 | 19.5 | 960 | 4272 | 480 | 2136 | 208.0 | 309.9 |
| 60006-84 | 12 | 84 | 7xCSM | .865 | 21.9 | 1120 | 4985 | 660 | 2492 | 271.0 | 403.8 |
| 60006-96 | 12 | 96 | 8xCSM | .937 | 23.7 | 1280 | 5697 | 640 | 2848 | 321.0 | 478.3 |
| 60006-108 | 12 | 108 | 9xCSM | 1.00 | 25.4 | 1440 | 6409 | 720 | 3204 | 375.0 | 558.8 |
| 60006-120 | 12 | 120 | 10xCSM | 1.07 | 27.1 | 1600 | 7121 | 800 | 3561 | 433.0 | 645.2 |
| 60006-132 | 12 | 132 | 9x3xCSM | 1.06 | 26.9 | 1760 | 1958 | 880 | 3916 | 344.0 | 512.6 |
| 60006-144 | 12 | 144 | 9x3xCSM | 1.06 | 26.9 | 1920 | 8545 | 960 | 4272 | 355.0 | 529.0 |

CSM = Central Strength Member

Optical Specifications

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

| | 62.5/125 μ m MULTIMODE |
|-----------------------------------|---|
| MAXIMUM ATTENUATION | \leq 3.5 dB/km at 850 nm \leq 1.0 dB/km at 1300 nm |
| MINIMUM BANDWIDTH (OFL) | 200 MHz•km at 850 nm 500 MHz•km at 1300 nm |
| MINIMUM BANDWIDTH (RML) | 220 MHz•km at 850 nm n/a |
| GIGABIT ETHERNET SUPPORT DISTANCE | 300 m at 850 nm 550 m at 1300 nm |

HCM reserves the right to revise any specifications.

62.5/125 μm Multimode

MultiUnit

Indoor

62.5/125 μm Multimode MultiUnit (Plenum)

(UL) OFNP c(UL)us FT6

| HITACHI PART NO. | # OF FIBERS PER TUBE | FIBER COUNT | TUBE LAYOUT | CABLE O.D. | | MAXIMUM LOAD INSTALL | | OPERATION | | CABLE WEIGHT | |
|---|----------------------|-------------|-------------|------------|------|----------------------|------|-----------|------|--------------|----------|
| | | | | in. | mm | lbs-f | N | lbs-f | N | lbs/1000ft | kg/1000m |
| 62.5/125 μm Multimode (62.5/125/250/900) | | | | | | | | | | | |
| 60559-12 | 2 | 12 | 6xCSM | .630 | 16.0 | 768 | 3418 | 384 | 1709 | 131.0 | 195.2 |
| 60559-24 | 2 | 24 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 249.0 | 371.0 |
| 60565-24 | 4 | 24 | 6xCSM | .630 | 16.0 | 768 | 3418 | 384 | 1709 | 140.0 | 208.6 |
| 60565-48 | 4 | 48 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 263.0 | 391.9 |
| 60258-18 | 6 | 18 | 3xCSM | .479 | 12.1 | 384 | 1709 | 192 | 854 | 77.0 | 114.7 |
| 60258-24 | 6 | 24 | 4xCSM | .518 | 13.1 | 512 | 2279 | 256 | 1139 | 97.0 | 144.5 |
| 60258-36 | 6 | 36 | 6xCSM | .630 | 16.0 | 768 | 3418 | 384 | 1709 | 148.0 | 220.5 |
| 60258-48 | 6 | 48 | 8xCSM | .792 | 20.1 | 1024 | 4557 | 512 | 2279 | 253.0 | 377.0 |
| 60258-72 | 6 | 72 | 9x3xCSM | .903 | 22.9 | 1536 | 6837 | 768 | 3418 | 280.0 | 417.2 |
| 60570-24 | 8 | 24 | 3xCSM | .559 | 14.1 | 480 | 2136 | 240 | 1068 | 100.0 | 149.0 |
| 60570-32 | 8 | 32 | 4xCSM | .614 | 15.5 | 640 | 2848 | 320 | 1424 | 127.0 | 189.2 |
| 60570-48 | 8 | 48 | 6xCSM | .750 | 19.0 | 960 | 4273 | 480 | 2136 | 199.0 | 296.5 |
| 60570-72 | 8 | 72 | 9xCSM | 1.00 | 25.4 | 1440 | 6409 | 720 | 3204 | 393.0 | 585.6 |
| 60027-36 | 12 | 36 | 3xCSM | .559 | 14.1 | 480 | 2136 | 240 | 1068 | 109.0 | 162.4 |
| 60027-48 | 12 | 48 | 4xCSM | .614 | 15.5 | 640 | 2848 | 320 | 1424 | 139.0 | 207.1 |
| 60027-60 | 12 | 60 | 5xCSM | .681 | 17.2 | 800 | 3561 | 400 | 1780 | 175.0 | 260.8 |
| 60027-72 | 12 | 72 | 6xCSM | .750 | 19.0 | 960 | 4272 | 480 | 2136 | 216.0 | 321.8 |
| 60027-84 | 12 | 84 | 7xCSM | .865 | 21.9 | 1120 | 4985 | 660 | 2492 | 306.0 | 455.9 |
| 60027-96 | 12 | 96 | 8xCSM | .937 | 23.7 | 1280 | 5697 | 640 | 2848 | 360.0 | 536.4 |
| 60027-108 | 12 | 108 | 9xCSM | 1.00 | 25.4 | 1440 | 6409 | 720 | 3204 | 417.0 | 621.3 |
| 60027-120 | 12 | 120 | 10xCSM | 1.07 | 27.1 | 1600 | 7121 | 800 | 3561 | 480.0 | 715.2 |
| 60027-132 | 12 | 132 | 9x3xCSM | 1.06 | 26.9 | 1760 | 1958 | 880 | 3916 | 392.0 | 584.1 |
| 60027-144 | 12 | 144 | 9x3xCSM | 1.06 | 26.9 | 1920 | 8545 | 960 | 4272 | 404.0 | 602.0 |

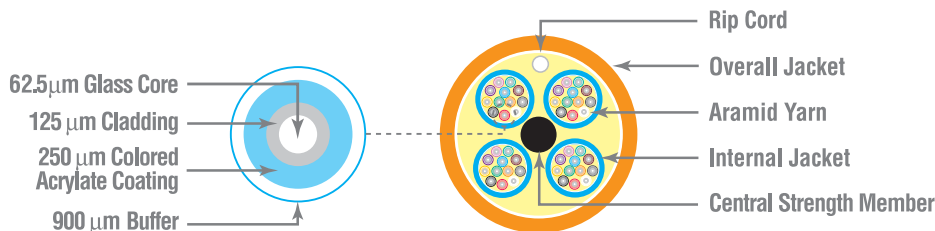
CSM = Central Strength Member

Mechanical Specifications

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



Features



DIELECTRIC MATERIALS

Overall Jacket

RISER

Flame-retardant thermoplastic

PLENUM

Low-smoke, flame-retardant thermoplastic