

Interfacility IFC Fiber Cable Assemblies



ARIA Interfacility fiber cable assemblies (IFC) are multifiber cables pre-terminated, used within a building for cross-connecting or interconnecting fibers. Typically an all dielectric construction designed to meet the fire resistant characteristics required in the central office. ARIA IFC assemblies are riser rated and meet UL-1666 OFNR & OFNP. Two types of IFC are available: stranded and ribbon, in fiber counts from 12 to 288 fibers.

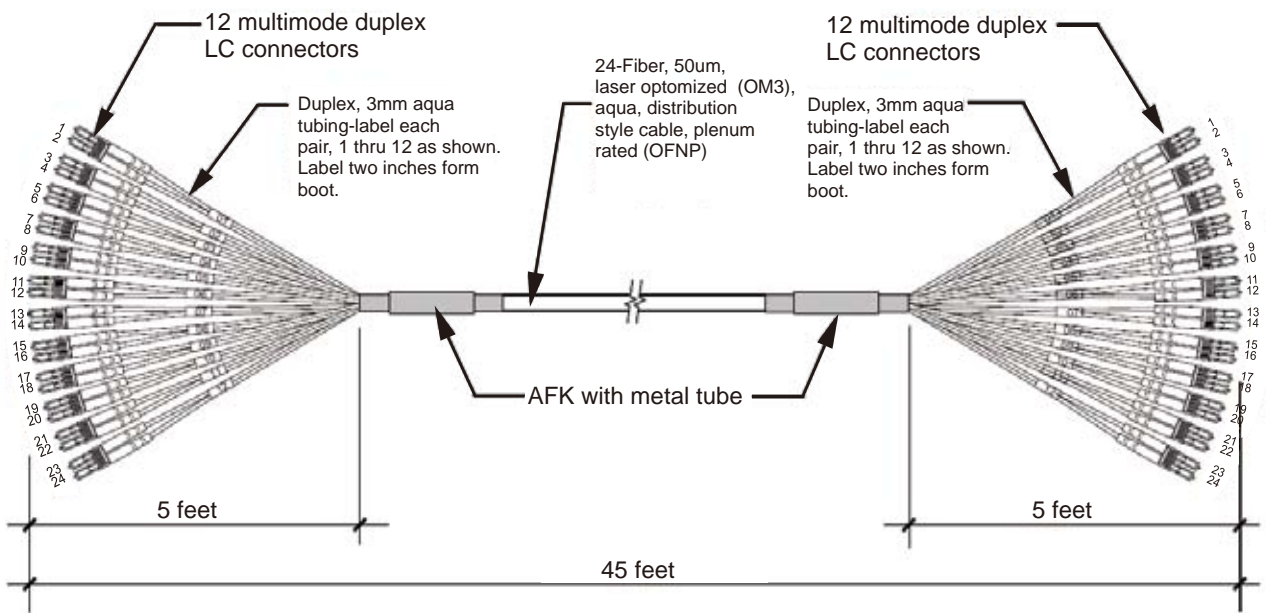
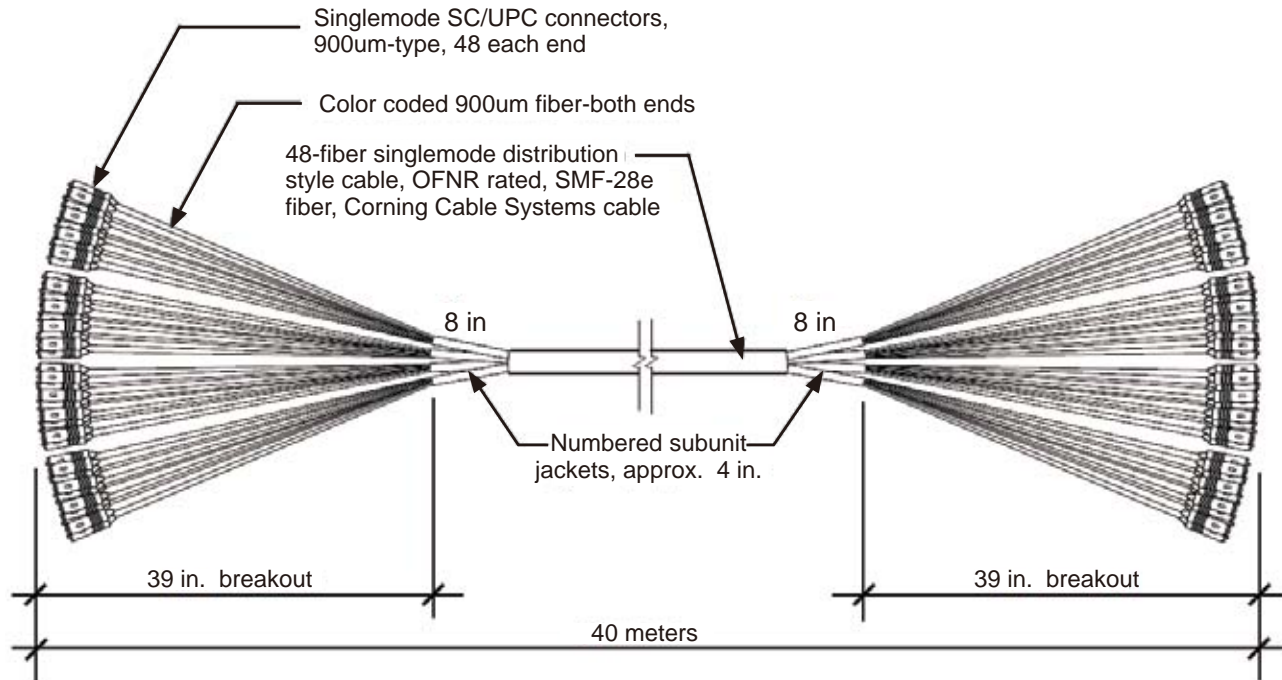
Stranded Cable Design:

Individual 900 um fibers bundled into subunits of 6-12 fibers.

Each subunit is identified and the individual fibers within the subunits are color-coded. Stranded cable diameters increase in proportion with the fiber counts.

Ribbon cable consists of multi-fibers arranged in ribbons. Each ribbon contains 12 fibers and is identified as a subunit. Fibers which comprise the ribbons are color-coded for easy identification. Ribbon cable fibers are located in the center of the cable, with an outer jacket that provides strength and protection of the cable.

Types of IFC Fiber Cable Assembly Examples



Intra-facility IFC Fiber Cable Assemblies

Part Number Ordering Guide:

HRM - ① ② - ③ ④ - ⑤ - ⑥ - ⑦ - ⑧ (OFNR)

HPM - ① ② - ③ ④ - ⑤ - ⑥ - ⑦ - ⑧ (OFNP)

1. Fiber Count

12 = 12 Fibers
 24 = 24 Fibers
 48 = 48 Fibers
 96 = 96 Fibers
 144 = 144 Fibers
 288 = 288 Fibers

2. Fiber Mode

8 = Singlemode 8.3/125um
 6 = Multimode 62.5/125um
 5 = Multimode 50/125um
 10G = Multimode 50/125um OM3

*Available in 900um in Mesh

3. Connector Type

Singlemode
 SC/UPC E2000
 SC/APC E2000/APC
 LC/UPC Mini LC/UPC
 LC/APC FC/UPC
 ST/UPC
 00 = Pigtails

Multimode
 SC
 ST
 LC
 FC

4. Connector Type

Singlemode
 SC/UPC E2000
 SC/APC E2000/APC
 LC/UPC Mini LC/UPC
 LC/APC FC/UPC
 ST/UPC
 00 = Pigtails

Multimode
 SC
 ST
 LC
 FC
 Mini LC

5. Breakout Length

24NBO=24 inch breakout
 47NBO=(39+8) inch breakout
 XXNBO=custom breakout

7. Pulling Eye

Leave Blank = No Pulling Eye
 PE = Pulling Eye

6. Breakout OD

Leave Blank = 900um

AFK = 2.0mm or 3.00mm tubing (must specify)

8. Overall Cable Length

XXXXU = (Length, Unit)
 Example:
 100F = 100 Feet
 20M = 20 Meters