

Single-mode intra facility cable

Single-mode connectorized IFC

An IFC (Intra-facility) cable consists out of one or more sub-units, which contain twelve 900 micron fibers.

It can be pre-connectorized at one or both ends.

IFC cable is typically used indoor

- Between an optical distribution frame and the cable vault
- To make a connection between optical distribution frames
- Between patching and splicing shelves inside an optical distribution frame

An IFC cable design can offer advantages over standard patchcords because it eliminates the need for a fiber-optic ducting system. The glass-reinforced central strength member of the cables ensures that the cable can be laid directly on standard support systems.

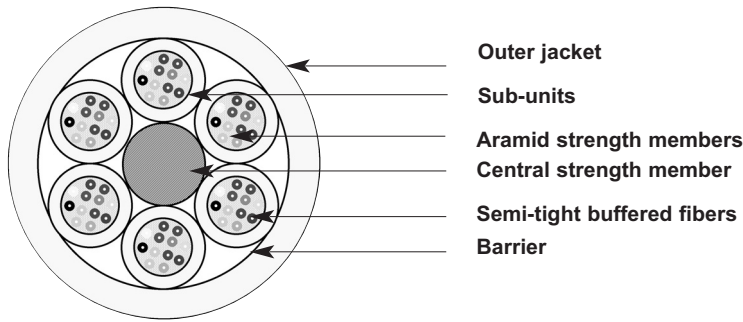
The low-smoke zero-halogen outer jacket of the cable can be stripped back in the field for additional flexibility.

Cables are available with a wide variety of fiber counts and connector types.

They are delivered on a drum to facilitate a fast, safe and easy installation.

All IFC assemblies are compatible with the Tyco Electronics FIST system.

Cable construction



Dimensions

	IFC 12 Without strength member	IFC 12	IFC 48	IFC 72
Outside diameter (mm)	7	7	16	19
Sub-unit diameter (mm)	No sub-units	No sub-units	5	5

OCI X - X - XX - XXX X XX ASEA - XX

Connectorized simplex cable type

P Pigtail
J Jumper

Ferrule centering method

T Tuned SC, FC, LC
C Centered E2000

Connector type at end 1

Min.return loss	Connector type			
	SC	FC	E2000	LC
50 dB (UPC)	S1	F1		L1
60 dB (APC 8°)	S2	F2	E9	L2
60 dB (APC 9°)	S3			

Cable length

001, 002, ... 010, ... always use 3 digits for cable length

Connector type at end 2

Same options as for connector type at end 1.
Select **XX** in case of a pigtail.

Fiber type

ASEA Single-mode, semi-tight, 900μ, LSZH outer jacket

Fiber count

2N 12F-no central strength member
12 12F-with central strength member
48 48F-with central strength member
72 12F-with central strength member

Cable length unit

M Meter
D Decimeter (only for jumpers)

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TC 590/DS/3 12/05



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