

A18011283 - FACT-STD-12COLOR-PC-PS-00 Rev B / April 2019 commscope.com

12F standard color coding (EIA/TIA) - pre-cabled Fiber connecting scheme

General LC

With 12 fibers per loose tube, 2 tubes will enter each tray. 1 Loose tube will be used for the top 12 LC connections and the other will be used for the bottom 12 LC connections.

FIBER COLOR	connector position
blue	1
orange	2
green	3
brown	4
grey	5
white	6
red	7
black	8
yellow	9
purple	10
pink	11
turquoise	12

blue	1
orange	2
green	3
brown	4
grey	5
white	6
red	7
black	8
yellow	9
purple	10
pink	11
turquoise	12



Pre-terminating LC - Right Hand patch

The picture below shows how pre-terminating is done when splicing happens on the left side of the tray. The thickest and thinnest lines inside the splicing module represent $900\mu m$ and $250\mu m$ respectively. The FOP tubes are placed into the FOP tube holder. The fibers are routed as shown in the picture.



Pre-terminating LC - Left Hand Patch

The picture below shows how pre-terminating is done when splicing happens on the right side of the tray. The thickest and thinnest lines inside the splicing module represent $900\mu m$ and $250\mu m$ respectively. The FOP tubes are placed into the FOP tube holder. The fibers are routed as shown in the picture.



General SC

With 12 fibers per loose tube, 1 tube will enter each tray.

FIBER COLOR	connector position
blue	1
orange	2
green	3
brown	4
grey	5
white	6
red	7
black	8
yellow	9
purple	10
pink	11
turquoise	12



Pre-terminating SC - Right Hand Patch

The picture below shows how pre-terminating is done when splicing happens on the left side of the tray. The thickest and thinnest lines inside the splicing module represent $900\mu m$ and $250\mu m$ respectively. The FOP tube is placed into the FOP tube holder. The fibers are routed as shown in the picture.



Pre-terminating SC - Left Hand Patch

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