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# 3M™ Fiber Dome Stubbed Terminal FDST 08S

## Designed for the 3M™ External Cable Assembly Module (ECAM) Factory Terminated Fiber Cable Assembly (FCA)

The compact 3M™ Fiber Dome Stubbed Terminal FDST 08S is designed to be deployed in outside plant environments. The re-enterable hermetically sealed stubbed terminal /FDU can be deployed in aerial strand, pole, pedestal or handhole/vault applications in the following networks:

- FTTP Multi-Dwelling Unit (MDU) Network
- Mobile Fiber Backhaul Network
- Fiber Intelligent Transportation System (ITS) Network
- Fiber fed Mobile Distributed Antenna System (DAS) Networks
- Fiber to the Business (FTTB) Networks

The FDST 08S terminal is available with up to 24 SC/APC or 24SC/UPC connectors. It can accept up to six 3M™ Factory Terminated External Cable Assembly Module (ECAM) Fiber Cable Assemblies (FCA) with 2, 4, or 6 connectors. The 3M Factory Terminated ECAM FCA Cable Assembly is a factory-terminated cable assembly with connectors on one or both ends. The ECAM FCA is available with various connectors (SC, LC, & ST) and in lengths ranging from 100 to 1200 feet. They are shipped with a pulling sock to protect the cable assembly and to allow the cable assembly to be pulled through trees and conduit.

The FDST 08S terminal is equipped with a factory terminated stubbed Telcordia GR-20 certified cable in lengths of 200, 400, 600, 800, 1,000, 1,200, and 1,400 feet. The factory-terminated stubbed cable helps to reduce the installation costs and material costs required to build the network. It virtually eliminates the need to splice pigtails or terminated fibers in the field which helps decrease installation costs & time. This feature also enhances network reliability/quality since the construction staff does not have to handle the connectors inside the terminal.

The FDST 08S terminal features a fixed O-ring sealing system along with an innovative latching mechanism. This combination provides simple, virtually error-free terminal sealing and re-entry. Also, the re-entry feature allows easy access to clean and repair connectors and replace the terminal or terminal tail in the event that either of these are damaged.



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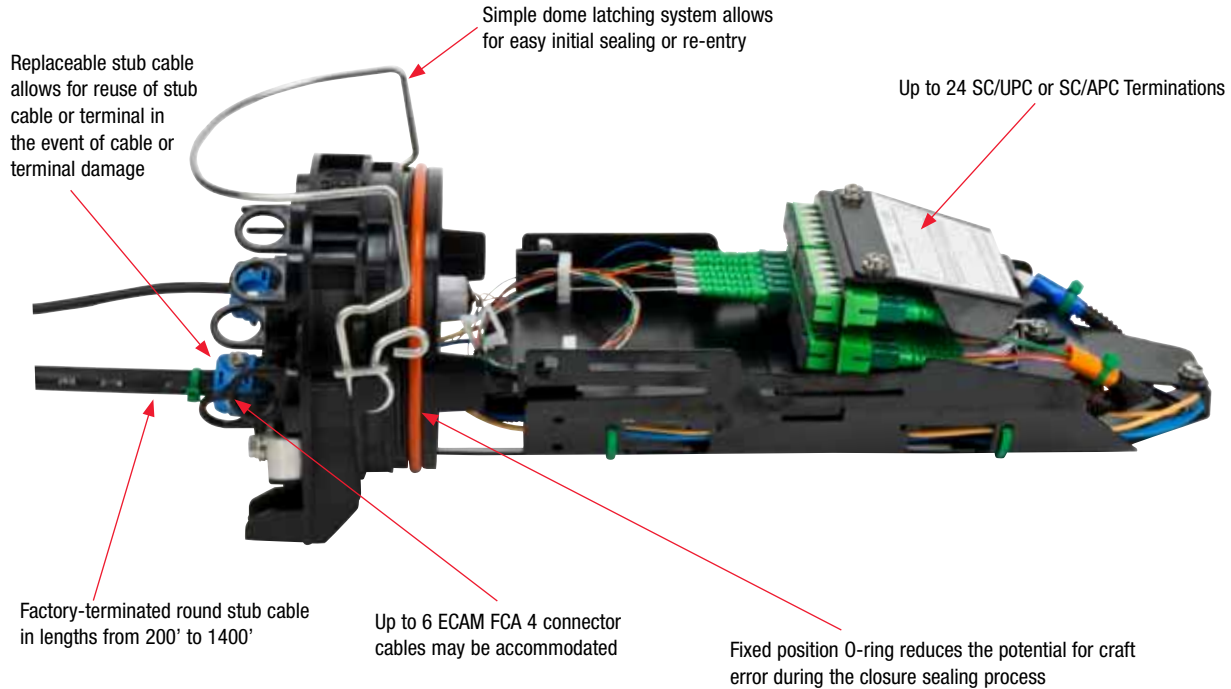


3M™ External Cable Assembly Module (ECAM)  
Factory Terminated Fiber Cable Assembly (FCA)

The 3M™ Fiber Dome Stubbed Terminal FDST 08S utilizes the External Cable Assembly Module (ECAM) built-in drop entry port system. The ECAM design allows true plug-and-play capability which can reduce installation and labor costs when installing the 3M™ Factory Terminated External Cable Assembly Module (ECAM) Fiber Cable Assemblies (FCA). Also, the built-in drop entry system allows the technician to add and remove ECAM FCA cables from the terminal without disturbing previously installed FCA cables.

The FDST 08S terminal is designed and tested to Telcordia's GR-771 and is Rural Development (RUS) Listed.

## 3M™ Fiber Dome Stubbed Terminal FDST 08S



Features	Benefits
Compact, hermetically-sealed terminal design	FDST 08S terminal can be placed in the harsh underground (handhole, ped) and aerial, pole or strand environments.
Simple, error-free closure sealing & re-entry system	Fixed O-ring seal reduces the potential for craft error during the closure sealing process. Innovate latching mechanism provides for simple re-entry into closure by lifting the dome lid away from the base.
ECAM built-in cable entry port termination system	Allows true plug & play capability without disturbing previously installed cables when adding and removing ECAM-FCA cable assemblies. This helps to reduce installation & labor cost since the cable assemblies are connectorized at the factory.
Replaceable terminal body and stubbed cable tail	Allows the terminal or terminal tail to be re-used if either of these are damaged.
Factory-terminated stubbed cable	Terminal is available with dielectric round cable in lengths up to 1400' (420 m).
Field or factory installed PLC splitters or CWDMs	PLC splitters and CWDMs are available that can be factory or field installed.

# 3M™ Fiber Dome Stubbed Terminal FDST 08S Configuration Guide

Model Number

FDST XXX - X - XX - X - XX - XXXX

<b>Terminal Size</b>	
08S	18.9" x 7.2" x 6.0" (480.1 mm x 182.0 mm x 151.0 mm)

<b>ECAM FCA Drop Termination Type</b>	
A	ECAM, SC/APC
B	ECAM, SC/UPC
C	ECAM, LC/APC
D	ECAM, LC/UPC
E	ECAM, ST
F	ECAM, FC
N	Bare Fiber

<b>Cable Length - feet (meters)</b>	
0200	200 feet (60 m)
0400	400 feet (120 m)
0600	600 feet (180 m)
0800	800 feet (240 m)
1000	1000 feet (305 m)
1200	1200 feet (360 m)
1400	1400 feet (420 m)

<b>Connections</b>	
24	

<b>Cable &amp; Fiber Type</b>	
E	Round - Dielectric, single, outdoor, 250 μm fiber

<b># of Fibers</b>	
24	

## 3M™ Fiber Dome Stubbed Terminal FDST 08S Ordering Information

Product Number	Product Description	3M ID	Min. Order
FDST-08S-A-24-E-24-0200	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 200' stubbed LBT cable	80-6113-3322-2	1
FDST-08S-A-24-E-24-0400	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 400' stubbed LBT cable	80-6113-3323-0	1
FDST-08S-A-24-E-24-0600	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 600' stubbed LBT cable	80-6113-3348-7	1
FDST-08S-A-24-E-24-0800	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 800' stubbed LBT cable	80-6113-3349-5	1
FDST-08S-A-24-E-24-1000	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 1,000' stubbed LBT cable	80-6113-3350-3	1
FDST-08S-A-24-E-24-1400	Fiber Dome Stubbed Terminal with up to 24 SC/APC connectors with a 1,400' stubbed LBT cable	80-6113-8209-6	1

## Accessories Ordering Information

Product Number	Product Description	3M ID	Min. Order
ECAM-12MM	12 mm ECAM cable entry port	80-6113-1696-1	1
ECAM-FCA-A-D-E-06-0100	100-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3324-8	1
ECAM-FCA-A-D-E-06-0200	200-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3391-7	1
ECAM-FCA-A-D-E-06-0300	300-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3392-5	1
ECAM-FCA-A-D-E-06-0400	400-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3405-5	1
ECAM-FCA-A-D-E-06-0500	500-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3406-3	1
ECAM-FCA-A-D-E-06-0600	600-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3407-1	1
ECAM-FCA-A-D-E-06-0700	700-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3408-9	1
ECAM-FCA-A-D-E-06-0800	800-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3409-7	1
ECAM-FCA-A-D-E-06-0900	900-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3410-5	1
ECAM-FCA-A-D-E-06-1000	1,000-foot cable assembly with 6 SC/APC and LC/UPC connectors	80-6113-3411-3	1
FDST/FDT-08-POLE/PED-HB	Pedestal mounting bracket	80-6113-3205-9	3
FD-08-AERIAL-SHB	Aerial strand mount hanger bracket	80-6113-1707-6	3

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