

Flexible Service Terminal Series: FST-T, FST-S and FST-B: New Product

CommScope is pleased to announce the expanded Flexible Service Terminal (FST) Series, which is now available with a variety of options. Featuring pre-connectorized hardened full-size or mini-size DLX® adapter drops and an HMFOC stub, the FST Series accelerates fiber deployment for new subscriber activation and service, minimizing labor costs in FTTX deployments.

Field-friendly with easy-to-access design features, the series can be installed in pedestal and handhole applications for fast and easy integration into the network for brown field and green field applications. The terminal provides reliable, uninterrupted performance in any outside plant environment.

- Terminal is sealed with factory-installed drop ports and HMFOC stub
- Available with 4, 8 or 12 adapter drops, full-size or mini-size DLX® hardened adapters
- Other options include a Branching FST (FST-B) and FST-S terminal with factory-integrated 1x4 or 1x8 Planar splitter
- Plug and play solution for durable and reliable service
- Transparent dust caps for easy port identification using a visible light source
- Cost effective solution for lower overall installation cost throughout the FTTx network
- Flexible structure allows FST terminals to be installed and operate in constrained spaces such as compact pedestals or a congested pit



Specifications:

FST-T Terminals

Feeder Stub	HMFOC
Drop Type	4, 8 or 12 hardened adapters: Full Size or Mini Size
Cable Types	G-657.A2, Drops 5mm cable; HMFOC
Standards	Telcordia GR-326, GR-3120, GR-3152; (see test report for details)

FST-S - Integrated Splitter Planar, Full-size

	<u>1x4 Splitter</u>	<u>1x8 Splitter</u>
Wavelength	1260 ~ 1650 nm	1260 ~ 1650 nm
Insertion Loss	8.0 dB Max	11.3 dB Max
Uniformity	1.0 dB	1.3 dB
Return Loss	55 dB Min	55 dB Min
Operating / Storage Temp	-40°C to 70°	
Installation Temp	-18°C to 70°	

FST-B - Branch 4 Single-Fiber Branches, 2 4-Fiber Branches, HMFOC

	<u>Input</u>	<u>Output Single-Fiber</u>	<u>Output Multi-Fiber</u>
Adapter Type	HMFOC Plug (8°angled)	Full-size Hardened, Female	HMFOC Jack (8°angled)
Insertion Loss	0.60 dB Max; 0.35 dB Mean	0.40 dB Max; 0.15 dB Mean	0.60 dB Max; 0.35 dB Mean
Return Loss	65 dB Min	65 dB Min	65 dB Min
Operating / Storage Temp	-40°C to 70°		
Installation Temp	-18°C to 70°		

Ordering Information:

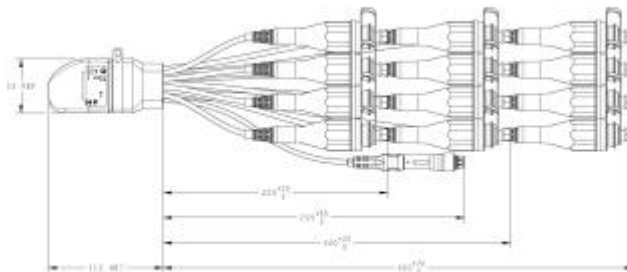
MID Number	MID Description	Detailed Product Description	# of Drops	MOQ Order Increment
300100117113	FST-T-04NHM2-A0001F	FST-T, 4 PORT, full-size adapters, No-Pin HMFOC 1 Foot Stub	4	1
300100117112	FST-T-08NHM2-A0001F	FST-T, 8 PORT, full-size adapters, No-Pin HMFOC 1 Foot Stub	8	1
300100117111	FST-T-12NHM2-A0001F	FST-T, 12 PORT, full-size adapters, No-Pin HMFOC 1 Foot Stub	12	1
300100117126	FST-T-04NHM1-A0001F	FST-T, 4 PORT, full-size adapters, Pinned HMFOC 1 Foot Stub	4	1
300100117115	FST-T-08NHM1-A0001F	FST-T, 8 PORT, full-size adapters, Pinned HMFOC 1 Foot Stub	8	1
300100117114	FST-T-12NHM1-A0001F	FST-T, 12 PORT, full-size adapters, Pinned HMFOC 1 Foot Stub	12	1
300100117129	FST-T-04NH00-A0001F	FST-T, 4 PORT, full-size adapters, 1 Foot Stub	4	1
300100117128	FST-T-08NH00-A0001F	FST-T, 8 PORT, full-size adapters, 1 Foot Stub	8	1
300100117127	FST-T-12NH00-A0001F	FST-T, 12 PORT, full-size adapters, 1 Foot Stub	12	1
300100117104	FST-T-04NXM2-A0001F	FST-T, 4 PORT, mini-size DLX® adapters, No-Pin HMFOC 1 Foot Stub	4	1
300100117103	FST-T-08NXM2-A0001F	FST-T, 8 PORT, mini-size DLX® adapters, No-Pin HMFOC 1 Foot Stub	8	1
300100117102	FST-T-12NXM2-A0001F	FST-T, 12 PORT, mini-size DLX® adapters, No-Pin HMFOC 1 Foot Stub	12	1
300100117105	FST-T-04NXM1-A0001F	FST-T, 4 PORT, mini-size DLX® adapters, Pinned HMFOC 1 Foot Stub	4	1
300100117106	FST-T-08NXM1-A0001F	FST-T, 8 PORT, mini-size DLX® adapters, Pinned HMFOC 1 Foot Stub	8	1

MID Number	MID Description	Detailed Product Description	# of Drops	MOQ Order Increment
300100117107	FST-T-12NXM1-A0001F	FST-T, 12 PORT, mini-size DLX® adapters, Pinned HMFOC 1 Foot Stub	12	1
300100117110	FST-T-04NX00-A0001F	FST-T, 4 PORT, mini-size DLX® adapters, 1 Foot Stub	4	1
300100117109	FST-T-08NX00-A0001F	FST-T, 8 PORT, mini-size DLX® adapters, 1 Foot Stub	8	1
300100117108	FST-T-12NX00-A0001F	FST-T, 12 PORT, mini-size DLX® adapters, 1 Foot Stub	12	1
N/A	FST-S-HH04-N00-4	FST-T, 4 PORT, full-size adapters, 1x4 splitter, 1.5 Foot HMFOC pinned stub	4	1
N/A	FST-S-HH08-N00-8	FST-T, 8 PORT, full-size adapters, 1x8 splitter, 1.5 Foot HMFOC pinned stub	8	1
N/A	FST-B-PH04-J24-N	FST-T, 4 single-fiber branches and two multi-fiber branches (4 fiber) and HMFOC	6	1

FST-T Series

Configurations: 4, 8 and 12 Port with full-size or mini-size DLX® adapters

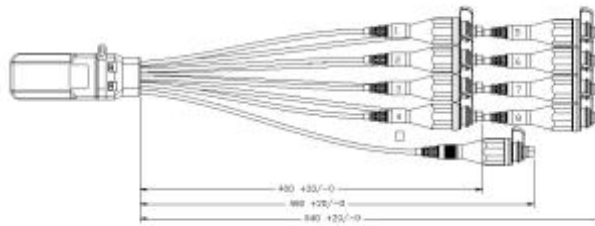
	4 Port	8 Port	12 Port
Drops:	8.66"/220mm L (4)	8.66"/220mm L (4) 13.39"/340mm L (4)	8.66"/220mm L (4) 13.39"/340mm L (4) 18.11"/460mm L (4)
HMFOC:	12.5"/316.7mm L	12.5"/316.7mm L	12.5"/316.7mm L
Housing:	4.4"/112.5mm L x 2.09"/53mm W x 1.2"/30.8mm D		



FST-S Series

Configurations: 4 and 8 port, full-size adapters and integrated splitter

	4 Port	8 Port
Outputs:	15.75"/400mm L	15.75"/400mm L (4) 21.26"/540mm L (4)
Input:	18.11"/460mm L	18.11"/460mm L
Housing:	3.9"/99.2mm L x 2.09"/53mm W x 1.22"/31mm D	



FST-B Series

4 Single-Fiber Branches

8.66"/220mm L (4) Ports 1-4

2 Multi-Fiber Branches

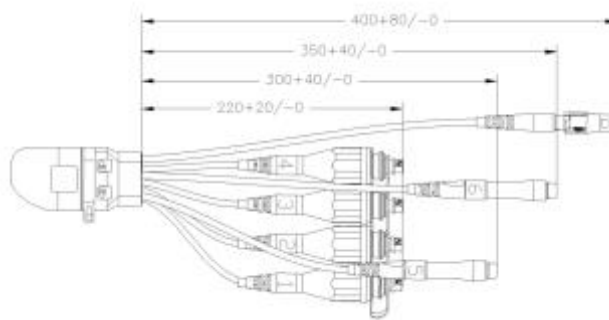
11.8"/300mm L (1) Port 5

13.8"/350mm L (1) Port 6

HMFOC

15.75"/400mm L (1)

Housing: 2.33"/59.2mm L x 2.09"/53mm W x 1.2"/30.8mm D



Ordering Information

Please visit the eCatalog for complete product specifications.

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Check out this short [Video](#) and learn step-by-step to create a custom, printable catalog on commscope.com.