

# Features and Benefits

**ANTRONIX®**

## **EoC SFP-Stick MDU Solutions Multi-Gigabit Over Coax**

The *EoC SFP-Stick* (Multi-Gigabit over Coax, Small Form factor Profile Pluggable) is the most cost-effective solution for last mile connectivity. *EoC SFP-Stick* uses existing coaxial cable in the home and/or building, is easy to install and works with existing network equipment. The *EoC SFP-Stick* allows you to deliver symmetrical fiber like gigabit speeds while using/reusing the coax infrastructure in your home or multi dwelling unit for data, VoIP, or OTT services like Netflix, Hulu or Prime etc.,



### Multi-Gigabit Performance

Up to 2.5 Gbps data rates. (Switch/Media Converter Dependent)

### Easy Deployment

Install in Managed or Unmanaged Switches, Media Converters  
Built-in MAC Address

### Re-Use In-Building Coax

Works over coaxial cable (RG59, RG6, RG7 & RG11)

### Cost Effective

Dramatically reduces the cost of installations by using In-Building existing coaxial cable.

### Range

Up to: 1,000 Feet, Typical: 300-600 Feet

Available 10G Optical US Indoor/Outdoor Switches

### Ordering

EoCF-STK10L (1 Gbps)  
EoCF-STK10H (1 Gbps)  
EoCF-STK25H (2.5 Gbps)



# Specifications

## ABSOLUTE MAXIMUM RATINGS

	Min	Max	Unit	
Input Voltage Range (Vi)	3.1	3.3	V Source Current	(Is)
Operating Virtual Junction Temperature Range	-40 C	85 C	Celsius	
Storage Temperature Range	-40 C	120 C	Celsius	

## PRODUCT FEATURE

Sr. No	Feature	
1.	Support MoCA 2.5	Backward interoperable with MoCA 2.0, 1.5 and 1.0
2.	Interfaces	SFI Interface Port, F-Type Connector
3.	Regulatory Approvals	FCC, CE, UL, CSA
4.	Protection	OCP, OVP and SCP
5.	Max PER	1e-6/ 1e-8
6.	Latency	<6.1mS/<3mS(LLF)

## RF SPECIFICATION

Sr. No	Specification	Limit / Comment
1.	Max Transmit Power	4dBm
2.	Receiver Sensitivity*	-55dBm
3.	RF Interface	F- Type Connector
4.	RF Impedance	75 E
5.	RF Frequency Band	400 MHz – 1675 MHz (Low, High, or MultiBand)
6.	Modulation	Up to 1024 QAM
7.	Throughput	Up to 1.0Gbps - 2.5Gbps