

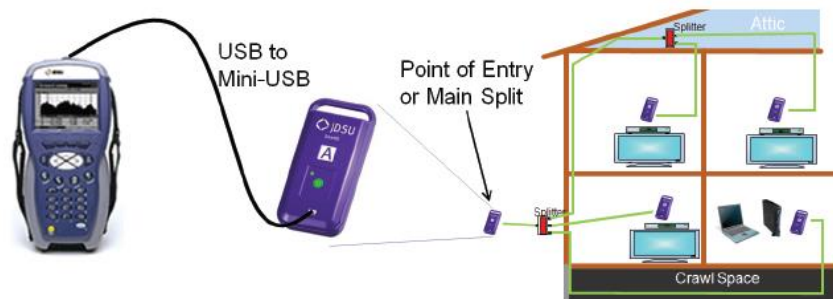
# VIAVI Smart ID

## ADVANCED COAX PROBES

The Smart ID test mode is a standard feature in VIAVI DSAM Digital Service Activation Meter XT version firmware (v 4.0 and higher), enabling sophisticated measurement data analysis (with SmartID probes). The SmartID test quickly displays and certifies subscriber coax topology and identifies and locates physical layer impairments that affect both triple play and multiroom DVR (MoCA) services. Probes are available in kits that enable complete RF network transmission characterization in most home networks. The kit lets a technician test the whole home network in one test that typically takes less than two minutes.

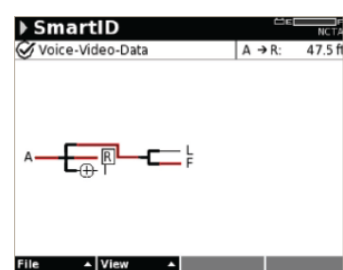
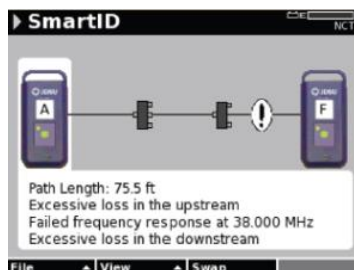
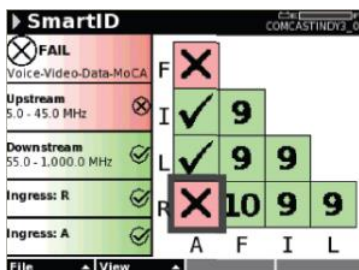


- Cut repeat service calls by enabling quick and comprehensive coax home-network testing
- Verify readiness for advanced home-network technologies
- (MoCA®) with no customer-premises equipment (CPE) required
- Eliminate unproductive troubleshooting, guesswork, and unnecessary CPE replacement
- Speed home certification by testing the whole coax network at one time



## APPLICATIONS

- Home coax network RF-transmission performance certification
- Coax physical-layer readiness evaluation for all services, including MoCA
- Theft detection such as finding splitters connecting neighbours



Max Transmit Level	50 dBmV
Min Receive Level	-10 dBmV
Max Number of connected Smart IDs	16
Frequency Range	5-1650 MHz
Minimum Frequency Step Size	100 KHz
Upstream Frequency Steps	250 KHz
MoCA Frequency Steps	195 KHz
Downstream Frequency Steps	5 MHz
Length Resolution	0.5 ft
Battery Types supported	AA Alkaline AA Lithium (recommended)
Battery Life (typical)	Alkaline: 500-700 Test Cycles Lithium: 1000-1500 Test Cycles
Connectors	1 Mini USB 1 F-Type Coax
Test Times (typical)	30 Seconds with 2 SmartIDs 45 Seconds with 3 SmartIDs 60 Seconds with 4 SmartIDs 75 Seconds with 5 SmartIDs 90 Seconds with 6 SmartIDs
Discoverable Coax Elements	Faults, House Amplifiers Filters, Splitters
Resolution of Coax Elements	~2 ft
Max. Length	300 ft
Max Sweep Attenuation	60 dB
Max FDR Attenuation	25 dB
Coax Cable Types supported	RG59, RG6 Custom VOP
Sweep Response Error	< +/- 2.5 dB typical
<b>ESTIMATED THROUGHPUT (MBPS)</b>	<b>MQI</b>
Less than 100	0
100-120	1
120-140	2
140-160	3
160-180	4
180-192	5
192-204	6
204-216	7
216-228	8

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION
SMARTID_2PCS_STARTERKIT	Starter Kit with two SmartID Coax Test Probes, Carrying Case, USB to Mini-USB Cable and Quick Start Guide
SMARTID_3PCS_STARTERKIT	Starter Kit with three SmartID Coax Test Probes, Carrying Case, USB to Mini-USB Cable and Quick Start Guide
SMARTID_4PCS_STARTERKIT	Starter Kit with four SmartID Coax Test Probes, Carrying Case, USB to Mini-USB Cable and Quick Start Guide
SMARTID_5PCS_STARTERKIT	Starter Kit with five SmartID Coax Test Probes, Carrying Case, USB to Mini-USB Cable and Quick Start Guide
SMARTID_6PCS_STARTERKIT	Starter Kit with six SmartID Coax Test Probes, Carrying Case, USB to Mini-USB Cable and Quick Start Guide
SMARTID_1PC	One SmartID additional or Replacement Probe
SMARTID_ACC_KIT	SmartID Accessory Kit. Includes Carrying Case, USB to Mini-USB Cable and Quick Start Guide (Does NOT include SmartID Probes)
SMARTID_USBCABLE	SmartID USB to Mini-USB Cable only