

Fiber Inspection & Test									
Application	P5000i	FiberCheck Probe	FLL-050	OLP-35, MP-60	OLS-35	T-BERD/MTS 2000	T-BERD/MTS 4000	T-BERD/MTS 5800	T-BERD/MTS 8000
Inspection of fiber end faces	•	•							•
Fiber continuity check (VFL)			•			•	•		•
Power level				•		•	•	•	•
Validate link length and locate break (OTDR)						•	•	•	•
Link Loss/attenuation (OTDR, LossTestSet)				•	•	•	•	•	•
Bi-directional Loss (FiberComplete)						•	•		•
Characterize connectors, splices and bends (OTDR, SLM)						•	•	•	•
Characterize CD and PMD									•
Qualify PON splitters (OTDR/FTTH-SLM)						•	•	•	
Commissioning FTTA, DAS and C-RAN network (OTDR/FTTA-SLM)						•	•	•	
CWDM continuity and qualification tests						•	•	•	•
Ribbon fiber testing (MPO/MTP Connection)	•	•				•	•		

HFC & DOCSIS Tests				
Application	VSE-100	OneExpert CATV	DSAM	WiFi Advisor
RF Signal Level Verification & Alignment	•	•	•	
QAM Signal Quality	•	•	•	
Upstream Spectrum Verification & Alignment	•	•	•	
DOCSIS/EuroDOCSIS Testing		•	•	
DOCSIS 3.1 Testing		•		
Ethernet Testing		•	•	
RF Network Verification and Alignment	•	•	•	
Home Network Verification and Troubleshooting		•	•	
Inspection of fiber end faces <sup>1</sup>		○	○	
Optical Power Level <sup>2</sup>		○	○	
WiFi Testing		•	•	•
WiFi Testing, Troubleshooting, and Optimization				•
Headend Performance Analysis	•			
Long-Term RF Test Tracking	•			
Objective Upstream Noise Troubleshooting	•			
MPEG Analysis	•			

Ethernet & CPRI / Obsai Provisioning			
Application	TB5800-CPRI-MAOTDR	TB5800-CPRI-ETH-OTDR	TB5800-DS3-10GE-C
1Gb/s and 10Gb/s Optical Ethernet LAN/WAN	○	•	•
10/100/1000M Ethernet	○	•	•
RFC2544	○	•	•
ITU-T Y.1564 SAMComplete	○	•	•
RFC 6349 TrueSpeed™ TCP throughput testing	○	○	○
STM-1-64, OC3-192; OTN OTU 1,2,e	○	○	○
Fibre Channel: 1/2/4/8/10/16 G FC	○	○	○
CPRI 614 Mbps –10.1 Gbps	•	•	
OBSAI 768 Mbps –6.1 Gbps	•	•	
Validate C-RAN connectivity across CWDM networks	•	•	
Test RRH health from the bottom of the tower by emulating a BBU	○	○	
OTDR 1310/1550nm with FTTA SLM	•	•	○
Inspection of fiber end faces <sup>1</sup>	•	•	○
Optical power level <sup>2</sup>	•	•	○
Visual fault locator <sup>3</sup>	•	•	○

Copper & xDSL Tests		
Application	HST 3000	One Expert DSL
Cu Testing	•	•
300MHz Cu testing	•	•
Far end device	•	•
ADSL 2+ Service turn-up	•	•
VDSL 2 Service turn-up	•	•
G.FAST		•
BERT Loop	•	•
VT-100 emulation/xDSL Card Status	•	•
Inspection of fiber end faces <sup>1</sup>	○	○
Optical power level <sup>2</sup>	○	○

RF Cable & Antenna Analysis			
Application	JD724CB001C	JD725CBATTAC	JD725C-C
Cable and antenna analysis - 5MHz to 6GHz		•	•
Cable and antenna analysis - 5MHz to 4GHz	•	•	•
Insertion gain/loss		•	•
RF power		○	○
Inspection of fiber end faces <sup>1</sup>	○	○	○
Optical Power level <sup>2</sup>	○	○	○

○ Optional

<sup>1</sup> Requires P5000i Fiber Scope

<sup>2</sup> Requires MP-60 or MP-80 Power Meter

<sup>3</sup> Requires FLL-050