



## LinkRunner™ Duo CE



A pocket-sized test set for turning up and troubleshooting Carrier Ethernet circuits. Tests ethernet links, customer networks and acts as a remote for performance testers.

### LinkRunner Duo CE target users

Technicians employed by Carrier Ethernet Service Providers (Telcos, Communications Providers, Wireless Providers, Cable Companies, etc.)

## LinkRunner Duo CE value statement

Reduces troubleshooting time and call backs when compared with "plug and pray" installation techniques. Reduces costs by 40% when used as a remote device for the MetroScope™ Service Provider Assistant tester or competitive testers.

### Features and Benefits Overview

Feature	Benefit	Value to customer	
Fiber Connectivity	Connects Directly to the Fiber Link	Low Cost Way to Check Fiber	
Link Verification	Determine if the Circuit is Up or Not	Saves time; Reduces swapping of properly operating equipment	
Loopback Performance Testing	Works with MetroScope and Other Testers to Measure Link Performance	Reduces cost of performance testing; more techs with equip- ment simplifies logistics	
Fiber Power Indicator	Determine if the Signal Level is Appropriate	Finds Marginal Connections, Reduces Call Backs	
Ping Testing	Determine Connectivity and "Latency"	Fast Performance Verification	
VLAN Testing	Verify the the expected VLANs are there.	Reduce Troubleshooting Time	
Designed for the Field	Small and Rugged	Always there when you need it	
Rechargeable / Replaceable Batteries	Backup if the Rechargeable Bat- teries Die	Keep on Testing	
Customer Premises Equipment (CPE) Testing	Check the Customer's Connec- tions	Connec- Reduces "Finger Pointing" and Call Backs	



### LinkRunner Duo CE Empowering today's frontline network professionals



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### LinkRunner Duo CE Advantages

LinkRunner Duo CE is less than one-third the price of any other Carrier Ethernet test solution. There are two approaches for testing carrier Ethernet. No matter which the customer uses, LinkRunner Duo CE adds value. The first approach is "plug and pray", where the technician has no test equipment. For this customer, troubleshooting is mainly quesswork. LinkRunner Duo CE can help him quickly isolate whether the problem is in the physical layer, the circuit provisioning, or the customer's equipment, saving time and reducing callbacks. The second approach is the use of performance testers, such as our own MetroScope. The LinkRunner Duo CE can be used as a remote device for these testers, saving up to 40% and allowing wider deployment which makes testing easier.

### **Ordering information**

Model Number	Description
LR-DUO-CE	LinkRunner Duo Carrier Ethernet Tester, includes LinkRunner Duo,
	Reflector option, Lithium Ion Battery Pack and AC charger,
	LinkRunner Connect software CD, USB cable, Getting Started Guide,
	AA battery pack and four AA alkaline batteries
GLD-LR	Gold for LinkRunner Duo
WIREVIEW 1	Wiremap Adapter
WIREVIEW2-6	Wireview Cable IDs #2-6
MS-AUTO-CHG	12V Car Charger for LinkRunner Duo
ES2-ZX	ZX DDM SFP
MS-SX	SX DDM SFP
MS-LX	LX DDM SFP
MTSCOPE-KIT	MetroScope Kit with LinkRunner Duo CE

### LinkRunner Duo CE Sales Tools

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Model	10/100 Copper	Gig Copper	Fiber (via SFP)	Wiremap Port	Reflector	Li-Ion Battery
LinkRunner	1			1		
LinkRunner Pro	1	1		1		
LinkRunner Duo	1	1	1	(adapter)		
LinkRunner Duo CE	1	1	1		1	1

#### N E T W O R K S U P E R V I S I O N

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