



LAN CABLE HITESTER 3665-20

Optical/Telecom Measurement

Network Construction with One Single Instrument







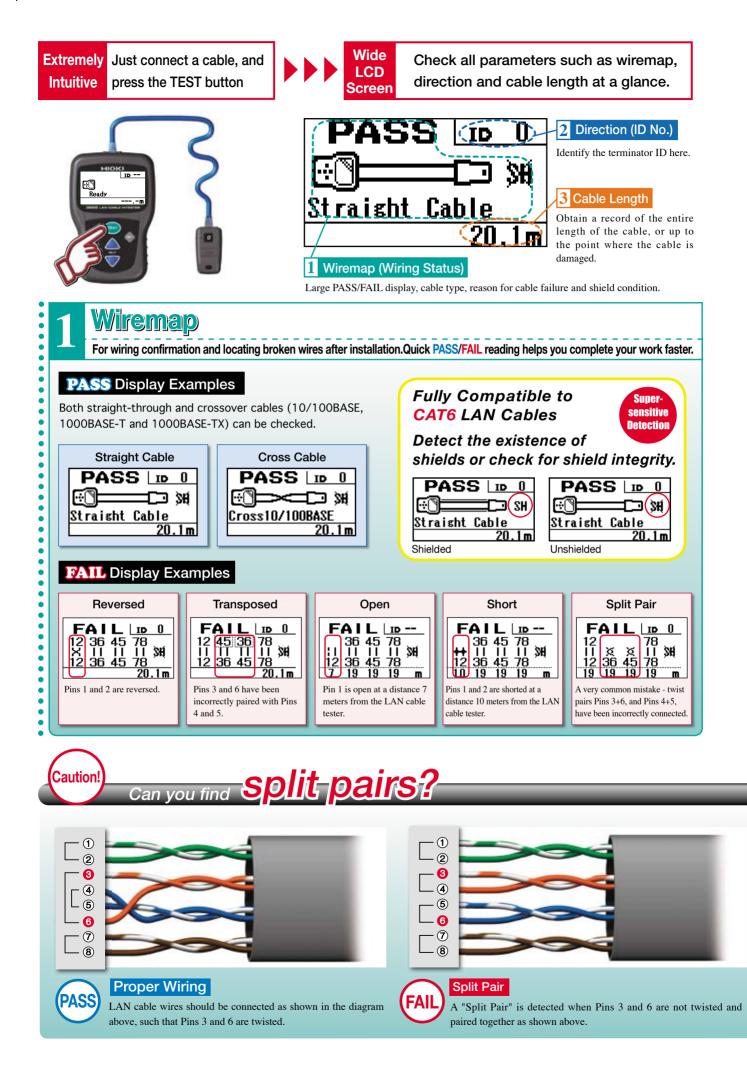
Shield Check

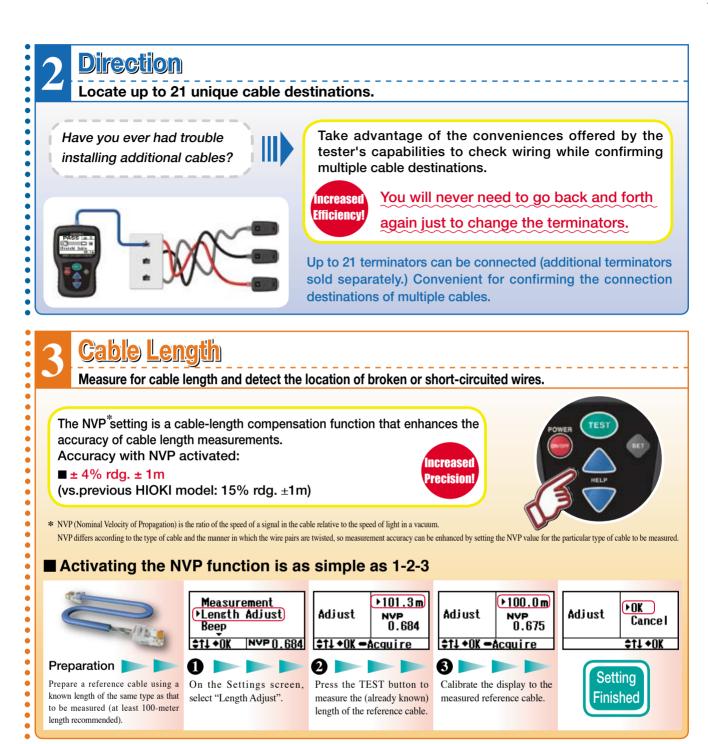


Get NVP-Enhanced Measurement Accuracy

Direction Identify Up to 21 Cable Destinations

equipment NET 205 Westwood Ave Long Branch, NJ 07740 1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET





= How Can Split Pairs Affect the Network? =

- Communication speed can be suppressed 100BASE signals may reach only 10BASE speeds.
- Excessive communication errors data transfer may be intermittent or completely inhibited.
- Cables miswired in this way are more susceptible to electrical noise.

Split pairs appear to be properly connected to the untrained eye, and cannot be detected with continuity testing. To properly check LAN cable wiring, a tester capable of detecting split pairs is indispensable.



The HIOKI 3665-20 can do the job for you properly and accurately by also detecting split pairs.

| Specifications (@ 23 ±5 °C, 80% RH or less, non-condensating, with battery indicator unlit)

Measurable cables	Twisted-pair cable
	100 Ω characteristic impedance, shielded and unshielded, CAT 3, 4, 5, 5e and 6
Compatible connectors	RJ-45 plugs
Measurement Items	
[Wiremap]	Wiring condition and shielding can be confirmed using the HIOKI TERMINATOR 9690
	Detectable errors: open, short, reversed, transposed, split pairs and other miswiring
[Cable Length]	Measurable lengths: 2 to 300 m, 6.6 to 984 ft
	Measurement accuracy: ±4% rdg. ±1 m, ±4% rdg. ±3.3 ft
	Display resolution: 0.1 m
[Destination]	Up to 21 cables can be identified using the supplied TERMINATOR 9690 and optional Models 9690-01 to
	9690-04 to test multiple cables simultaneously
Display	128×64 dot matrix LCD (with backlight)
Functions	Auto Backlight: pressing a button turns the backlight on (it turns off automatically after about 20 seconds)
	Beeper: sounds when pressing buttons and when measurement results are displayed
	Energy-Saving Mode: enter into energy-saving mode after measurement (and resume when the TEST button is pressed)
	Auto Power Save: the 3665-20 turns off automatically about 10 minutes after the last button press
	Battery Check: Battery indicator blinks when voltage falls below 2.4 V
	Unit Switch: Select between meters or feet
Compliance	Safety Standard: EN61010-1:2001 Pollution Level 2
Standards	EMC Standard: EN61326:1997 + A1:1998 + A2:2001 + A3:2003
Allowable Input	3.3 V peak (between RJ-45 pins)
Operating Temperature & Humidity	0 to 40 °C, 80% RH or less, non-condensating
Storage Temperature & Humidity	-10 to 50 °C, 80% RH or less, non-condensating
Power Source	Two AA-size (LR6) alkaline batteries
Maximum Power Consumption	1.4 VA
Operating Time	Approx. 50 hours (measuring once per minute)
Size & Weight	Approx. 85 W × 130 H × 33 D mm, approx. 160 g

LAN CABLE HITESTER 3665-20

(Includes TERMINATOR 9690, CARRYING CASE)

■ Supplied Accessories ____

TERMINATOR 9690 CARRYING CASE (Stores the HiTESTER 3665 and TERMINATORs 9690)



TERMINATOR 9690

CARRYING CASE

All information correct as of Nov. 20, 2006. All specifications are subject to change without notice

■ Options _

TERMINATOR 9690-01 (IDs 1 to 5) TERMINATOR 9690-02 (IDs 6 to 10) TERMINATOR 9690-03 (IDs 11 to 15) TERMINATOR 9690-04 (IDs 16 to 20) CARRYING CASE 9249 (stores the 3665-20, 9690 and 9628 together) LAN CABLE 9628 (1 m long, with RJ-45 plugs)







TERMINATOR 9690-01

CARRYING CASE 9249 (for storing everything together) LAN CABLE 9628



205 Westwood Ave Long Branch, NJ 07740 1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET