

LAN CABLE HITESTER 3665-20

Optical/Telecom Measurement R

Network Construction with **One Single Instrument**







Shield Check

Wiremap

Detect Split Pairs with Wiring Check

Cable-Length Get NVP-Enhanced Measurement Accuracy

Direction Identify Up to 21 Cable Destinations









— 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.

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To properly check LAN cable wiring,

a tester capable of detecting split pairs is indispensable.

OK!

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	
Storage Temperature & Humidity	-10 to 50 °C, 80% RH or less, non-condensating
Power Source	Two AA-size (LR6) alkaline batteries 3665-20 LAN CABLE HITESTER
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

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



绿测科技有限公司

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