

Parámetro	Especificación
COPPER TESTING	
Certification testing	TIA-568-C.2 CAT 3, 5e, 6, 6A, TIA-568-C.2-1CAT 8 ISO/IEC 11801, EN 50173 Class D, E, E _A , F, F _A Draft Class I and Class II Permanent link and channel CAT5e, 6, 6A, 7, 7A, 8 and patch cord
Maxcable length for dual-ended Autotest	500 m
Insertion cycles	Channel: 10,000 typical Permanent link: 5,000 typical
TEST PARAMETERS	
Wiremap	As specified in TIA 1152, IEC 61935-1
Loop Resistance	0 to 40 Ω, ±0.1Ω
Length	0 to 500 m, ±0.5m (dual-ended testing)
Propagation Delay and Delay Skew	0 to 5000 ns, ±1ns
Attenuation	0 to 70 dB, ±0.1dB
Pair-to-Pair and Power-Sum NEXT	0 to 85 dB, ±0.2dB
Pair-to-Pair and Power-Sum ACRF	0 to 85 dB, ±0.2dB
Return Loss	0 to 40 dB, ±0.2dB
ACRN, PSACRN	0 to 85 dB, ±0.5dB
Advanced diagnostics	Time-domain fault Locator for RL and NEXT
Measurement accuracy	ANSI/TIA-1152 Level 2G, IEC 61935-1 draft Level VI
Measurement frequency range	1-2,500 MHz
FIBER TESTING -SM	
Wavelengths	1310 nm, 1550 nm
Connector type	SC, LC (optional adapter needed)
Test standard	TIA 568 C.3, IEC 14763-3
TEST PARAMETERS	
Loss	0 to 31 dB, ±0.2dB
Length	0 to 20,000 m, ±1.5m
Output power	-5dBm to -9dBm
Receiver sensitivity	-40dBm
FIBER TESTING -MM/MMEF	
Wavelengths	850 nm -1,300 nm
Connector type	SC/FC-SC
Test standard	TIA 568 C.3, IEC 14763-3
TEST PARAMETERS	
Loss	0 to 24 dB, ±0.2dB
Length	0 to 2,000 m, ±1.5m
Dynamic range	24 dB/12 dB
Output power	-4dBm to -10dBm / -16dBm to -20dBm
Receiver sensitivity	-34dBm / -40 dBm
Encircled-Flux(EF) compliance	IEC 61280-4-1(MMEF), TIA-526-14C
VFL wavelength	650 μm (MMEF)
Power	0 dBm (MMEF)
GENERAL SPECIFICATIONS	
Interfaces	Probe Interface, RJ-45 Ethernet, USB host and device, talkset, power jack
Display	6" industrial LCD, touch sensitive area on both units
Enclosure	Ruggedized plastic with rubber over-mold, withstands 1.5 m drop test on hard surface
Remote unit abilities	View test results, save tests, start autotest
Power supply	AC 100-240V to 12 V, 3A power adapter
Input over-voltage protection	Protected against Telco voltages
Battery	Removable and rechargeable Li-Ion
Battery capacity	>8 hours continuous operation
Internal storage capacity	>6,000 copper test results with full plot information for CAT6A
External storage	USB Flash Drive
Dimensions	223 X 124 X 70 mm (inclusive of a 6A ChAdaptor)
Weight	1 kg
Supported languages	TW, CS, EN, FI, FR, DE, IT, JA, KO, PL, PT, RU, ES, SV, TR
Calibration period	1 year
ENVIRONMENTAL	
Operating temperature	0 to 40 °C
Storage temperature	-20 to 60 °C
Relative humidity	10% to 80%
MINIMUM SYSTEM REQUIREMENTS FOR REPORTING SOFTWARE	
Microsoft Windows Vista/7/8/10, 32 or 64 bits	
Intel Core 2 Duo, 2GHz	
200 MB of free disk space	
1 GB RAM	
Microsoft .NET Framework 4.0	