

Newlink Premium CAT-6A Patch Panels



Technical Specifications

CAT6A product's family has been enhanced to support higher bandwidth. When properly installed and tested this product can be subject of the NEWMAX 25-year period warranty against manufacturing defects.

All NEWLINK's CAT6A Patch Panels and Jacks are more resilient to common misuse with Telephony RJ11 plugs. Found to be one of the major factors in RJ45 jacks permanent damage. Contacts are gold plated for minimal insertion loss and long life.

Connector spring wire contacts use the highest quality phosphor bronze gold plated with 50 microns.

Printed circuit-board modules with 110-style IDC connectors can be used for T568A and T568B wiring configurations.

- Exceeds ANSI/TIA/EIA 568-C.2 requirements
- Exceeds ISO/IEC 2nd Edition 11801 Class EA
- CENELEC EN 50173-1, CENELEC EN 50288-10-1
- IEC 3rd Edition 61935-1, IEC 2nd Edition 61156-5
- IEE 802.3an to support 10GBASE-T networks
- CEA-310-E and RoHS Compliant
- Loaded with 24 and 48 Newlink RJ45 Ports
- Increased protection against Cross Talk
- Modular design for increased performance per Channel and Permanent Link
- Includes tight wrap to secure individual cables



TIA-568.C.2-10 CAT6A PARAMETER

Pair	@ 100 Mhz	@ 250 Mhz	@ 500 Mhz
Insertion Loss (IL)	0.20	0.32	0.45
Near-end Cross Talk (NEXT)	54.0	46.0	34.0
Far-end Crosstalk (FEXT)	43.1	35.1	29.1
Return Loss (RL)	28.0	20.0	14.0
Transverse Conversion Loss (TCL)	28.0	20.0	14.0
Transverse Conversion Transfer Loss (TCTL)	28.0	20.0	14.0
Power sum Alien Near-end Crosstalk (PSANEXT)	67.0	62.5	56.5
Power sum Alien Far-end Crosstalk (PSAFEXT)	67.0	59.0	53.0

Ordering Information

NEW-2777724	Newlink Premium Patch Panel Cat-6A 24-port
NEW-2777748	Newlink Premium Patch Panel Cat-6A 48-port