NETWORKING SOLUTIONS
NEW PRODUCT GUIDE
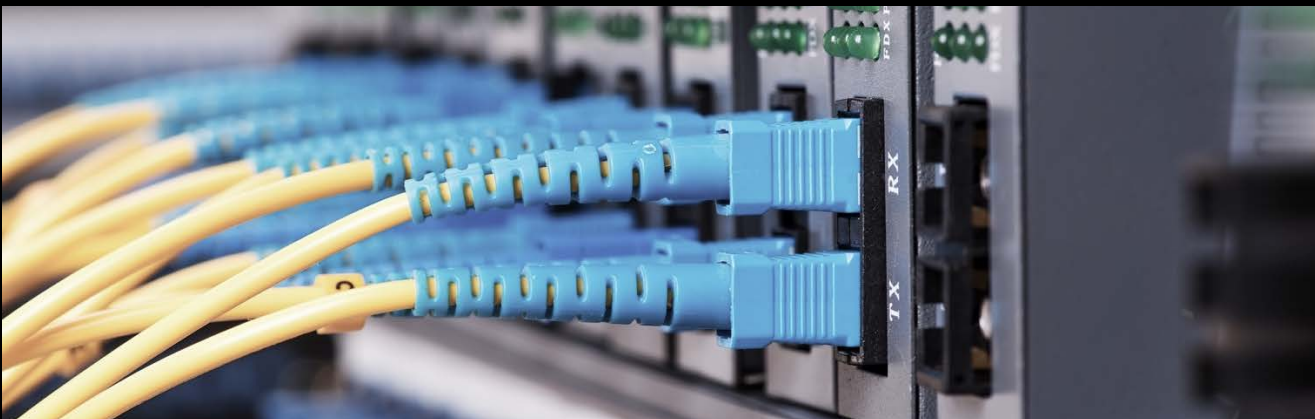
UNITED TEL·SUPPLY *and* LYNN

NSI BUILDING TECHNOLOGY   LYNN   PLATINUM TOOLS   TechLogix Networx

NSI BUILDING TECHNOLOGY | NEW NETWORKING SOLUTIONS

SFP TRANSCEIVERS (MINI-GBICS)

TechLogix SFP transceivers feature universal EEPROMS for compatibility with electronics from most manufacturers.

TL-1GSFP-BD

TECHLOGIX PART NUMBER	LYNN CROSS REFERENCE	BANDWIDTH	MAX DISTANCE	CABLE CONNECTIVITY	CONNECTORS
TL-1GSFP-SM20K	TCS-GLC-LH-SM-20 MC-SFP-SM-20K	1G	20km	Single Mode	Duplex LC
TL-1GSFP-BD		1G	MM: 167m / SM: 10km	Single Mode & Multimode	Simplex LC
TL-1GSFP-MM550	TCS-GLC-SX-MMD MC-SFP-MM-550M	1G	550m	Multimode	Duplex LC
TL-10GSFPP-MM300	TCS-SFP-10G-SR	10G	300m	Multimode	Duplex LC
TL-10GSFPP-SM10K		10G	10km	Single Mode	Duplex LC

POE EXTENDERS & INJECTORS

TechLogix power-over-ethernet solutions extend PoE beyond the typical 100m limit and inject PoE onto cable runs where non-PoE electronics are installed.

TECHLOGIX PART NUMBER	DESCRIPTION	BANDWIDTH	ENVIRONMENT	POE
TL-PI-60W	Ethernet PoE Injector	1G	Indoor	60W
TL-PE-30W	Ethernet PoE extender for indoor applications	1G	Indoor	30W
TL-PE-30W-IO	Ethernet PoE extender for indoor & outdoor applications	1G	Indoor / Outdoor	30W

TL-PI-60W
Injects 60W PoE onto cable runs.

TL-PE-30W
Extends 30W PoE beyond the 100m maximum distance. Up to 5 units may be cascaded.

TL-PI-30W-IO
Extends 30W PoE beyond the 100m maximum distance. Up to 5 units may be cascaded. Supports outdoor installation and harsh environments.

OUTDOOR INSTALLATION

Platinum Tools weatherproof solutions protect splices and couplers in outdoor and harsh environments.

PLATINUM TOOLS PART NUMBER	DESCRIPTION	IP RATING
744	Water-resistant coupler/splice housing for twisted pair, fiber & other low-voltage cables	IP64 rated for dust & splashed water
740C	Waterproof splice coupler for RJ45 connections	IP67 dustproof & waterproof up to 1m

744 coupler & splice housing

740C splice coupler

MEDIA CONVERTERS

TechLogix manufactures a variety of media converters for adapting fiber optic and twisted pair signals. Models include solutions for 1G and 10G bandwidth, PoE+ injection, and LC and SC connections.

TECHLOGIX PART NUMBER	LYNN CROSS REFERENCE	BANDWIDTH	TWISTED PAIR PORTS	FIBER PORTS	POE
TL-MC-1S1R	MC-1500	1G	1	1 (empty SFP slot)	
TL-MC-1S1R-MM	MC-1500LC-MM550	1G	1	1 (preloaded w/ MM SFP)	
TL-MC-1S1R-SM	MC-1500LC-SM10K	1G	1	1 (preloaded w/ SM SFP)	
TL-MC-1S1RPP		1G	1	1 (empty SFP slot)	30W PoE+
TL-MC-1S1RPP-MM		1G	1	1 (preloaded w/ MM SFP)	30W PoE+
TL-MC-1S1RPP-SM		1G	1	1 (preloaded w/ SM SFP)	30W PoE+
TL-MC-1S1S	MC-3000	1G		2 (empty SFP slots)	
TL-MC-1S1S-MMSM	MC-3000LC-MM/SM	1G		2 (preloaded w/ MM & SM SFPs)	
TL-MC-1S2R		1G	2	1 (empty SFP slot)	
TL-MC-1S2R-MM		1G	2	1 (preloaded w/ MM SFP)	
TL-MC-1S2R-SM		1G	2	1 (preloaded w/ SM SFP)	
TL-MC10G-1S1R		10G	1	1 (empty SFP+ slot)	
TL-MC10G-1S1R-MM		10G	1	1 (preloaded w/ MM SFP+)	
TL-MC10G-1S1R-SM		10G	1	1 (preloaded w/ SM SFP+)	
TL-MC-2SC1R-MM	MC-1000SC-MM	1G	1	1 (built-in MM duplex SC)	
TL-MC-2SC1R-SM	MC-1000SC-SM	1G	1	1 (built-in SM duplex SC)	

TL-MC-1S1R
Basic 1G media converter for adapting fiber to twisted pair. Also available in 10G (TL-MC10G-1S1R) and with PoE+ injection (TL-MC-1S1RPP).

TL-MC-1S2R
1G media converter with a single fiber port and dual twisted pair ports. Ideal for supporting two twisted pair devices simultaneously.

TL-MC-1S1S
1G media converter with dual fiber ports. Ideal for converting multimode to single mode or duplex to simplex when using compatible SFP modules.
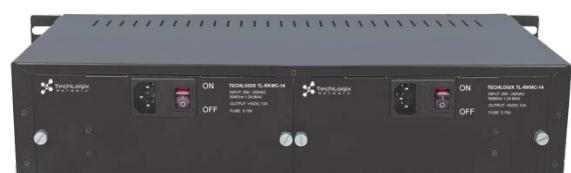
MEDIA CONVERTER RACK MOUNTING

The TechLogix TL-RKMC-14 rack-mount chassis secures and powers up to 14 media converters. The system features two switching redundant power supplies with circuit protection, two high-volume cooling fans, and slot isolation between units.

TECHLOGIX PART NUMBER	LYNN CROSS REFERENCE	MEDIA CONVERTER SLOTS	RACK UNIT HEIGHT	RACK WIDTH	POWER
TL-RKMC-14		14	2RU	19"	Input: 100 – 260VAC Output: 5VDC 12A Dual integrated power supplies with cooling fans

TL-RKMC-14 front panel (media converters sold separately)

TL-RKMC-14 rear panel

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NETWORK SWITCHES

TechLogix network switches manage signal distribution over both twisted pair and fiber infrastructures.

TECHLOGIX PART NUMBER	FORMAT	BANDWIDTH	TWISTED PAIR PORTS	FIBER SFP PORTS	POE
TL-NS5R-POE	Desktop unmanaged PoE+ network switch	1G	5	0	30W per port 60W total budget
TL-NS5R1S-POE	Desktop unmanaged PoE+ network switch	1G	5	1	30W per port 91W total budget
TL-NS42-POE	Desktop unmanaged PoE+ network switch	1G	5	2	30W per port 120W total budget
TL-NS8R	Desktop unmanaged network switch	1G	8	0	
TL-NS8R2U-POE	Desktop unmanaged PoE+ network switch	1G	10	0	30W per port 120W total budget
TL-NS24R2S-POE	Rackmount unmanaged PoE+ network switch	1G	24	2	30W per port 300W total budget

TL-NS5R-POE
Five port unmanaged switch with 30W PoE per channel.

TL-NS5R1S-POE
Four port unmanaged switch with 30W PoE per channel. Includes one twisted pair and one SFP uplink port.

TL-NS42-POE
Four port unmanaged switch with 30W PoE per channel. Includes one twisted pair and two SFP uplink ports for daisy-chaining over fiber.

TL-NS8R
Non-PoE eight port unmanaged switch.

TL-NS8R2U-POE
Eight port unmanaged switch with 30W PoE per channel. Includes two twisted pair uplink ports.

TL-NS24R2S-POE
24 port unmanaged switch with 30W PoE per channel. Includes two SFP uplink ports and rack-mounting hardware.

TESTERS

Platinum Tools testing solutions verify proper PoE signal delivery, test cable paths & certify network speeds.

PLATINUM TOOLS PART NUMBER	DESCRIPTION
TPS200C	Pocket-sized PoE++ & power supply voltage tester
TDG310K1C	Digital tone & probe kit for tracing cables in unpowered or live circuits
TXG200-FO	Copper, fiber & WIFI network tester & speed certifier

TPS200C

TDG310K1C

TXG200-FO

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