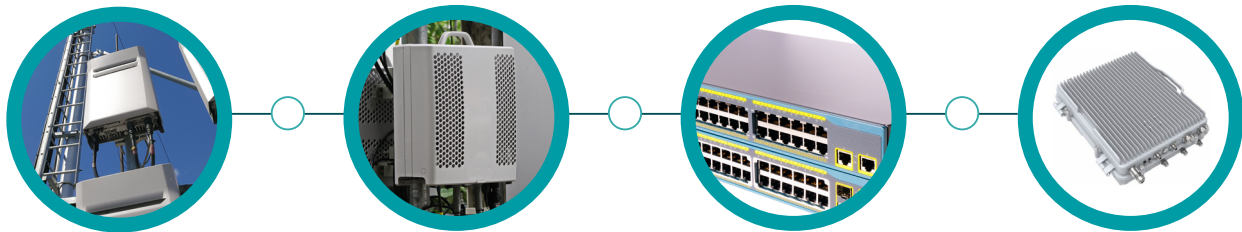HXxxxxHL

DUAL 1GIGABIT SLIMLINE MODULES FOR OUTDOOR AND INDUSTRIAL USE
HALOGEN FREE

Pulse Electronics latest Dual gigabit magnetic module designs support power over ethernet for outdoor and industrial use. These slimline module are excellent for applications where space is a premium. The slimline package is under 11.0mm wide and saves 30% PCB area compared to the more traditional wider dual gigabit parts. The three products all support 4pair PoE up to 30W (350mA per linked pair) and offer different schematics and pin outs to optimize the layout. The HX5020HL is a Halogen free version of the popular catalogue part HX5020NL, while HX6135HL and HX6136HL are two new options compatible with other industry standard designs.

KEY APPLICATIONS

Access Points, Industrial Switches, Base Stations, Routers/Hubs

FEATURES & BENEFITS

• Designed to exceed IEEE802.3au,
• Full IEEE802.3af compliance for 4pair PoE upto 30W
• Small compact slim designs
• Compatible with all Major PHYs

• RoHS-6 and Halogen Free
• Operates from -40°C to +85°C
• High volume, High reliability manufacturing

Pulse Part	Size (L x W x H)	No. Ports	Choke location	PoE (4 pair supply)	Operating Temp.
HX5020HL	27.9 x 10.8 x 8.3	Dual	2Wire CMC (Line)	35W	-40°C to +85°C
HX6135NL	27.9 x 10.8 x 8.3	Dual	3Wire CMC (IC)	35W	-40°C to +85°C
HX6136NL	27.9 x 10.8 x 8.3	Dual	2Wire CMC (line)	35W	-40°C to +85°C