FLEX-Link (NV-FLXLK)

- Paired with FLEX24, FLEX8 or FLEX-Base
- Up to 50W PoE
- PoE mode A, mode B and 4-pair mode
- Local power option
- IEEE compliant

FLEX-Link Adapter Applications

The FLEX-Link adapter enables extended Ethernet and PoE reach beyond traditional distances using 1, 2 or 4 pair UTP infrastructure. When paired with the FLEX24 Switch, FLEX8 Switch or FLEX-Base Extender, the adapter delivers 10/100Mbps, symmetrical full duplex. The FLEX offering is designed specifically to enable easy deployment over Multi-Pair UTP for reaches beyond that of standard Ethernet eliminating the costs and disruption associated with IDF closet requirements.

FLEX-Link Quick Install Guide

1. Remove the FLEX-Link from its packaging.
2. Must ensure cable is properly terminated before connecting any FLEX product.
3. Remove all legacy equipment from the UTP cable infrastructure.
   NOTE: In order to avoid damage to endpoints, it is important that non-IP devices are not connected when you connect the FLEX-Link.
4. Connect the Network Infrastructure cable from the FLEX24 switch, FLEX8 switch or FLEX-Base to the FLEX-Link (LRE side).
5. Using CAT5 or higher category cable, connect the endpoint to the FLEX-Link (Endpoint side).
   NOTE: FLEX-Link can be used with FLEX24 switch, FLEX8 switch or FLEX-Base

*Base Extender can be powered locally for use with non-PoE switches.
### Safety Warnings and Precautions

- **WARNING:** Do not attempt to install or service this equipment unless you are skilled in the installation and maintenance of electronic telecommunications equipment and have successfully completed specific training for this equipment.

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- **WARNING:** Failure to follow all instructions may result in improper equipment operation and/or risk of electrical shock. For more information, please refer to the FLEX24 or FLEX8 Quick Install Guides in “Safety Warnings.”

- **WARNING:** EXPOSED PLANT APPLICATION MAY RESULT IN A FIRE OR SHOCK HAZARD, AND/OR DEFective OPERATION, AND/OR RISK OF ELECTRICAL SHOCK. For more information, please refer to the FLEX24 or FLEX8 Quick Install Guides in “Safety Warnings.”

- **WARNING:** An untrained person should not service this equipment. Only trained, qualified service personnel, who have successfully completed specific training for this equipment, shall install or maintain this product.

- **WARNING:** For improper equipment operation and/or risk of electrical shock. For more information, please refer to the FLEX24 or FLEX8 Quick Install Guides in “Safety Warnings.”

- **WARNING:** Do not attempt to install or service this equipment unless you are skilled in the installation and maintenance of electronic telecommunications equipment and have successfully completed specific training for this equipment.

### PoE Power Available to FLEX-Link

<table>
<thead>
<tr>
<th>FLEX-Link</th>
<th>20ft (6m)</th>
<th>250ft (76m)</th>
<th>500ft (152m)</th>
<th>750ft (228m)</th>
<th>1,000ft (305m)</th>
<th>1,250ft (381m)</th>
<th>1,500ft (453m)</th>
<th>1,750ft (533m)</th>
<th>2,000ft (610m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cat5e 4-Pairs</td>
<td>50W</td>
<td>48</td>
<td>46</td>
<td>44</td>
<td>42</td>
<td>39</td>
<td>37</td>
<td>35</td>
<td>33</td>
</tr>
<tr>
<td>Cat6 4-Pairs</td>
<td>50W</td>
<td>48</td>
<td>46</td>
<td>44</td>
<td>42</td>
<td>39</td>
<td>37</td>
<td>35</td>
<td>33</td>
</tr>
<tr>
<td>Cat5e 2-Pairs</td>
<td>30W</td>
<td>30</td>
<td>28</td>
<td>26</td>
<td>24</td>
<td>22</td>
<td>20</td>
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<tr>
<td>Cat6 2-Pairs</td>
<td>50W</td>
<td>47</td>
<td>44</td>
<td>41</td>
<td>38</td>
<td>35</td>
<td>33</td>
<td>30</td>
<td>27</td>
</tr>
</tbody>
</table>

### Support and Warranty

**Technical Support**

The NVT Phyrbridge Technical Support Group is available to assist you with product installation, configuration, and troubleshooting procedures. Should you experience trouble with this equipment or for repair or warranty information, please contact NVT Phyrbridge at www.nvphybridge.com/support or directly through email at support@nvphybridge.com.

**Warranty:** The FLEX adapters are backed by NVT Phyrbridge’s award-winning customer support and 5-year warranty.