

## Huber+Suhner → Times Protect® CROSS – REFERENCE

HUBER+SUHNER (connector)	Times-Protect®	TIMES-PROTECT® ADVANTAGES	NOTES
3400.17.0377 (Nm/Nf) 3400.41.0204 (Dm/Df) 3400.41.0216 (Df/Df) 3400.41.0217 (Dm/Dfb)*  3400.17.0431 (Nm/Nfb)* 3400.41.0257 (Dm/Dfb)*	LP-STR-NMS LP-STR-DMS LP-STR-DFF LP-STR-DMS  LP-STRL-NMS LP-STRL-DMS	<ul style="list-style-type: none"> <li>• Broader frequency range 800-2500 MHz for LP-STR</li> <li>• Broader frequency range 680-2200 MHz for LP-STRL</li> <li>• Much lower energy throughput 700pJ</li> <li>• Better PIM &lt;-160dBc at 900/1800/2100MHz vs. -150 dBc max for H+S</li> <li>• Surge current rating 50kA (as tested).</li> <li>• RF power @ 500W for N connectors, 700W for DIN connectors</li> <li>• Weatherization (body) to IP67</li> </ul>	* b = H+S with bulkhead grounding flange beneath connector  All STR / STRL protectors are 100% tested to PIM specifications
3401.17.A (Nf/Nfb)* 3401.17.C (Nm/Nfb)* 3402.17.A (Nf/Nfb)* 3402.17C (Nm/Nfb)* 3402.41.A (Df/Dfb)*	LP-GTR-NFF-/23/35** LP-GTR-NFM-/23/35** LP-GTR-NFF-/23/35** LP-GTR-NFM-/23/35** LP=GTR-DFF-/23/35**	<ul style="list-style-type: none"> <li>• Broader frequency range DC-3000MHz</li> <li>• Weatherization (body) to IP67</li> <li>• Provided replaceable Gas Discharge Tube** (H+S Gas Discharge Tube to be selected and ordered separately)</li> <li>• Solid brass body with white bronze plating</li> <li>• Universal mounting/grounding bracket provided</li> </ul>	* b = H+S with bulkhead grounding flange beneath connector ** 90/230/350 Volt Gas Tube included as specified by protector part number
3403.17.0060**/***b) (Nf/Nf) 3403.17.0063**/***b)(Nf/Nm)	LP-GPX-05-NFF LP-GPX-05-NFM	<ul style="list-style-type: none"> <li>• Solid state RF &amp; DC protection for 5 Volt GPS Receivers</li> <li>• Lower energy throughput and Insertion Loss</li> <li>• White Bronze plated, weatherized (body) to IP65</li> </ul>	Accommodates LP-BFDN-CW bracket for flange installation
3407.17.0067 (Nf/Nf) 3407.17.0068 (Nm/Nf) 3407.41.0039 (Dm/Df) 3407.41.0042 (Df/Df)	LP-STR-NFF LP-STR-NMS LP-STR-DMS LP-STR-DFF	<ul style="list-style-type: none"> <li>• Frequency range 800-2500MHz</li> <li>• Low energy throughput (700pJ)</li> <li>• Better PIM &lt;-160dBc at 900/1800/2100MHz vs. non-published</li> <li>• High surge current rating 50kA (as tested)</li> <li>• RF power 500W for N connectors, 700 W for DIN connectors</li> <li>• Weatherization (body) to IP67</li> </ul>	
3407.17.0085 (Nm/Nf) Aluminum Body Aluminum Connectors	LP-WBX-NMS Aluminum Body Brass Connectors  Also available LP-WBX-NMP LP-WBX-NFF	<ul style="list-style-type: none"> <li>• Frequency Range 2000 – 6000 MHz</li> <li>• RF power 50 W</li> <li>• White Bronze plated body</li> <li>• Brass connectors vs. aluminum connectors</li> <li>• 20kA maximum surge current rating</li> <li>• Low voltage and energy throughput &lt;3V / &lt;150nJ</li> <li>• Much larger ground surface area for bulkhead mounting</li> <li>• Weatherization gasket provided for bulkhead mounting</li> </ul>	Accommodates LP-BFDN-CW bracket for flange installation