



CommScope/Andrew → Times Protect® CROSS – REFERENCE

COMMSCOPE / ANDREW	Times-Protect®	TIMES-PROTECT® ADVANTAGES	NOTES
<p style="text-align: center;">N Connectors</p> <p style="text-align: center;">APT-BNFNF-DB APT-NFNF-DB APT-NFNM-DB</p> <p style="text-align: center;">All are bi-directional quarter wave protectors with dc continuity from connector center pin to pin</p> <p style="text-align: center;">DIN Connectors</p> <p style="text-align: center;">APT-BDFDF-DB APT-BDFDM-DB APT-DFDF-DB APT-DFDM-DB</p>	<p style="text-align: center;">LP-STRL-NFF LP-STRL-NFF LP-STRL-NMS or NMP</p> <p style="text-align: center;">All LP-STRL protectors have assigned surge and protected ports and are not bi-directional.</p> <p style="text-align: center;">LP-STRL-DFF LP-STRL-DMS or DMP LP-STRL-DFF LP-STRL-DMS or DMP</p>	<p>N Connector male and female versions</p> <ul style="list-style-type: none"> • White bronze plating • Phosphor bronze silver plated center pin • Coverage for LTE and Public Safety frequencies (680-2200MHz) • PIM <-160dBC at 900/1800/2100MHz • Much lower energy throughput (700pJ)* • Surge current rating 50kA (as tested) • RF power @ 500W • Weatherization (body) to IP67 <p>DIN Connector male and female versions</p> <ul style="list-style-type: none"> • Coverage for LTE and Public Safety frequencies (680-2200MHz) • Much lower energy throughput (700pJ)* • Better PIM <-160dBc at 900/1800/2100MHz • High surge current rating 50kA (as tested) • High RF power @ 700W • Weatherization (body) to IP67 	<p>*All LP-STR protectors have an internal inductor to ground at the surge port center pin, and are ac coupled to the protected port through a series mechanical capacitor.</p>
<p style="text-align: center;">N Connectors</p> <p style="text-align: center;">APG-BNFNF-90 APG-BNFNF-350 APG-BNFNM-090 APG-BNFNM-350</p> <p style="text-align: center;">DIN Connectors</p> <p style="text-align: center;">APG-BDFDF-090 APG-BDFDF-350 APG-BDFDM-090 APG-BDFDM-350</p>	<p style="text-align: center;">LP-GTR-NFF LP-GTR-NFF-35 LP-GTR-NFM LP-GTR-NFM-35</p> <p style="text-align: center;">LP-GTR-DFF LP-GTR-DFF-35 LP-GTR-DFM LP-GTR-DFM-35</p>	<p>N Connector male and female versions</p> <ul style="list-style-type: none"> • Frequency range DC-3000MHz • Weatherization (body) to IP67 • Solid brass body with white bronze plating • Universal mounting/grounding bracket included <p>DIN Connector male and female versions</p> <ul style="list-style-type: none"> • Frequency Range DC-2500 MHz • Weatherization (body) to IP67 • Solid brass body with white bronze plating • Universal mounting/grounding bracket included 	