ISO 9001 Certified

# Times

### LP-HBR-N Series

- 1.8 MHz to 100 MHz
- Covers 160-6 Meter Bands
- 2 kW Average RF Path
- Multi-Strike Capability
- Less than 0.1dB Insertion Loss
- Type N Connectors
- White Bronze Plated Body
- IP 65 Rated for Outdoor Use
- Bulkhead or Flange Installation







# Lightning and Surge Protection for The 21st Century<sup>TM</sup>

The **Times Protect®** LP-HBR-N series high performance surge arrestor series addresses applications in the 1.8MHz-100MHz spectrum that includes the *160-6 Meter Amateur Radio Bands*. Our DC blocking technology employed in this gas tube design provides optimum isolation of the antenna port from the protected equipment port for maximum surge protection. LP-HBR-N series surge protectors have exceptional RF performance and are constructed from the highest quality materials for unsurpassed durability and longevity. They equal or surpass all applicable industry standards.

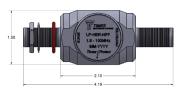
The LP-HBR-N series product family is available with N connector configurations to satisfy various installation requirements.

#### LP-HBR-N Series:

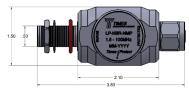
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- LP-HBR-NFF
- N Female connectors on surge and protected sides
- LP-HBR-NMP
  N Male connector on protected side with N Female connector on surge side
- LP-HBR-NMS N Male connector on surge side with N Female connector on protected side

Times-Protect<sup>®</sup>



• LP-HBR-NFF 1.8-100 MHz DC Blocked N Type F/F



#### LP-HBR-NMP

1.8-100 MHz DC blocked N Male on Protected Side



#### • LP-HBR-NMS

1.8-100 MHz Blocked N Male on Surge Side

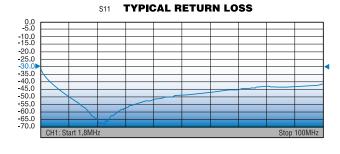


Male End

Included Mounting Bracket

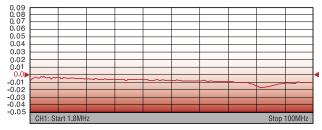
Female End

\*All dimensions shown in inches





#### S21 TYPICAL INSERTION LOSS





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