



Lightning Surge Arrestors



Ordering Information

Interface Type	Type Number
For LDF5-50A, 7/8" Foam-Dielectric Cable	
Bulkhead N Female	APTL5-BNF-(*)
Bulkhead 7-16 DIN Female	APTL5-BDF-(*)
For LDF6-50, 7/8" Foam-Dielectric Cable	
Bulkhead N Female	APTL6-BNF-(*)
Bulkhead 7-16 DIN Female	APTL6-BDF-(*)
For LDF7-50A, 7/8" Foam-Dielectric Cable	
Bulkhead N Female	APTL7-BNF-(*)
Bulkhead 7-16 DIN Female	APTL7-BDF-(*)

* Frequency band. Insert Detail Number from Operating Frequencies table.

Operating Frequencies – Contact Andrew for current availability of specific frequency bands.

Frequency Band, MHz	Insertion Loss, dB	Return Loss dB, Typical	Detail Number
800-870	< 0.1	28.0	-6
824-900	< 0.1	28.0	-2
824-960	< 0.1	28.0	-1
870-960	< 0.1	28.0	-3
1700-1900	< 0.1	28.0	-11
1850-1990	< 0.1	28.0	-9

90° Mounting Bracket for APTL Series Arrester Plus
Type **244847**

Arrester Plus® Integrated, T-Series Lightning Surge Arrestors

The Arrester Plus[†] Integrated, T-Series Lightning Surge Arrester is a one-piece surge arrester/HELIX® connector. It uniquely combines the reliability of quarter-wave shorting stub technology with the proven performance of HELIX connectors to deliver premium lightning protection in a single component.

The integrated design of the Arrester Plus reduces the number of components resulting in improved system performance and reduced system cost. Silver plating and high contact pressures throughout maintain low intermodulation levels – a definite plus for today's wireless systems.

Arrester Plus is available for 1/2", 7/8", 1-1/4", and 1-5/8" LDF cables as specified in the table.

[†] U.S. and international patents pending.

Integrated Arrester/Connector Design

- *Insertion loss less than 0.1 dB*
- *Improved system performance*
- *Reduced component costs*
- *Easy installation*
- *Completely weatherproof*
- *RingFlare™ connector design automatically flares the cable as the connector is tightened.*

Quarter-Wave Shorting Stub Technology

- *Provides true "multi-strike" capability. Tests performed by independent laboratories verify that Arrester Plus withstands in excess of 50 impulse current surges of 50 kA without product degradation.*
- *Reliable equipment protection*
- *Maintenance free*