



NexTek GDTs are optimized for high transient current capability, excellent RF performance, and the ability to reseal after a transient. These GDTs are in a 8mm diameter by 6mm long format, and use ceramic insulators for the industries longest pulse life; of ten pulses of 20 kA (8 μ sx20 μ s).

NexTek recommends GDT replacement for high lightning risk installations, for protectors with N or especially 7-16 connectors.

Protection Voltage

Protection Voltage	Voltage Code ¹	RF Power (W) ²	Let-through (V _{pk} / mJ) ³	NexTek Part Number
90	09	37	600 / 0.3	400-0001-01
150	15	95	600 / 0.3	400-0001-02
230	23	240	650 / 0.5	400-0001-03
350	35	550	800 / 0.7	400-0001-04
470	47	1000	1200 / 2.2	400-0001-05
600	60	1600	1500 / 4.4	400-0001-06
800	80	2900	1900 / 9.0	400-0001-07
1000	99	4500	2200 / 14	400-0001-08

- ¹ Use the voltage code in the part number
- ² For multiple carriers, sum of peak voltages should not exceed 60% of the protection voltage
- ³ Input is 6kV @ 1.2x50 μ s/ 3kA @ 8x20 μ s.

GDT Type Inclusion in Typical NexTek Lightning Arrestor Part Number

Part Number

PTx xxx xxx XX S

- S specifies the standard model
- **Voltage Code - select based on the RF power.**
- Connector code for output
- Connector code for input
- PTR (Replacable GDT); PTC (Non-Replacable GDT)