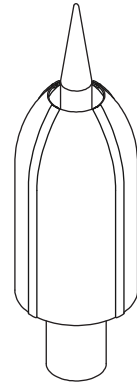


Models

TerraStreamer® Early Streamer Emission (ESE) Terminals

Part Number	Description	Weight
TSP-20	TerraStreamer® 20, Early Streamer Emission Terminal	4.88 lbs (2.2 kg)
TSP-30	TerraStreamer® 30, Early Streamer Emission Terminal	4.88 lbs (2.2 kg)
TSP-40	TerraStreamer® 40, Early Streamer Emission Terminal	4.88 lbs (2.2 kg)
TSP-50	TerraStreamer® 50, Early Streamer Emission Terminal	4.88 lbs (2.2 kg)
TSP-60	TerraStreamer® 60, Early Streamer Emission Terminal	4.88 lbs (2.2 kg)



Triggering Time Test Results

The triggering time ΔT (μs) is defined as the gain at the sparkover instant obtained with a TerraStreamer® ESE terminal compared with a simple rod terminal exposed to the same conditions. According to NF C 17-102: The triggering time instance gain ΔT is associated with a triggering time distance gain ΔL .

$\Delta L = V \times \Delta T$ where:

ΔL (m): gain in lead distance of the sparkover distance.

V (m/ μs): the average speed of the downward tracer (1 m/ μs).

ΔT (μs) : gain in sparkover time of the upward leader.

Triggering Time Test Results		
Model	Advance Time	Gain in Lead Distance
TSP20	22 μs	22 m
TSP30	32 μs	32 m
TSP40	44 μs	44 m
TSP50	55 μs	55 m
TSP60	61 μs	61 m

NOTE

All figures derived from independent testing as per NF C 17-102 specifications under strict laboratory conditions.