



2022

ALPHA DXM TRUCK MOUNTED ATTENUATOR



SWTXX

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INTENDED USE

The ALPHA™ DXM is a Truck-Mounted Attenuator (TMA) for use on stationary or moving shadow support vehicles. The ALPHA™ DXM TMA is comprised of an aluminum cartridge attached to a steel support frame. The ALPHA™ DXM is designed to be used on support vehicles with a minimum weight of 12,200 lbs [5,534 kg] and a maximum weight of 26,500 lbs [12,020 kg].

FEATURES

The ALPHA™ DXM consists of a support frame and an energy absorbing cartridge fitted with a Durashell nose for additional protection from nuisance impacts. The support frame secures the cartridge to the support vehicle and utilizes a 90° tilt feature to move the system upright, so the cartridge is vertical enabling support vehicle transportation.

SPECIFICATIONS

In its deployed state, the ALPHA™ DXM TMA measures 11.0 ft [3.4 m] long by 7.8 ft [2.4 m] wide and has a ground clearance of 12.0 in ± 1.0 in [305 mm ± 25 mm]. The total system length is 11.0 ft [3.4 m] long from the hitches of the support vehicle to the end of the cartridge and when the cartridge is stored in the upright position, it stands 11.3 ft [3.4 m] from the ground.

Cartridge Dimensions:
Length: 8.3 ft [2.5 m]
Width: 7.8 ft [2.4 m]
Height: 22.5 in [572 mm]

ELIGIBILITY

The ALPHA™ DXM has been tested in conformance to MASH 2nd Edition (2016) and is eligible for Federal-aid reimbursement by FHWA.

FHWA Eligibility Letter(s): CC-_____ dated _____ for MASH 2016 Test Level 2

REFERENCES

American Association of State Highway and Transportation Officials (AASHTO), Manual for Assessing Safety Hardware (MASH), 2nd Edition (2016) with 2022 Errata.

CONTACT INFORMATION

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