

TM 10580-14/1

TAMCN: A2336

ITEM NAME: SHELTER, NON-EXPANDABLE

COLLOQUIAL NAME: 20 FOOT ELECTRO-MAGNETIC INTERFERENCE/ELECTRONICS MAINTENANCE COMPLEX (EMI/EMC)



LOGISTICS DATA:

NSN:	CAGE:	Model:	IDN:
5411-01-623-1899	01365	82A5048B0000	09271B
5411-01-304-6121	01365	82A5048A0000	09271A

<u>Dimensions:</u>	Operational: (<i>Interior</i>)	Stowed:
Length	19 ft	20 ft
Width	7 ft, 6 in	8 ft
Height	7 ft, 2 in	8 ft
Floor Space	142.5 ft ²	--
Weight (Maximum)	15,000 lbs	15,000 lbs

TECHNICAL DESCRIPTION:

Power	120/208 VAC, 60 Hz, 3 phase, 100 amps
Prime Mover	LVSr, MTRV, 20 ft ISO Container Trailer

FUNCTIONAL DESCRIPTION:

The Non-expandable ISO, 20 Foot, EMI/EMC shelter provides a standard, portable, EMI shielded shelter which, by virtue of its inherent design, conforms to Marine Corps transportability and supportability requirements. The Marine Corps has integrated Individual Activity Modules (4 work stations) for work surface areas into the base shelter which forms the 20 Foot EMI/EMC Configuration. The EMI Shelter offers 60 decibel (db) attenuation in both radiated and conducted electromagnetic interference in the frequency range of 150 Kilohertz (KHz) through 10 Gigahertz (GHz). The 20 Foot EMI/EMC provides a highly mobile, environmentally controlled work space used for applications such as maintenance and repair of communication electronics equipment and systems.