

MSA Fire Service HUB Datasheet



MSA Fire Service HUB Specifications

Technical Specifications	
DIMENSIONS (HOUSING, L X W X H)	
FIRE SERVICE	6.9" x 3.6" x 5.3" (174 mm x 92 mm x 135 mm), without radio antenna and wall mount kit
FIRE SERVICE STANDARD	6.9" x 3.6" x 7.5" (174 mm x 92 mm x 190 mm), without radio antenna and wall mount kit
WEIGHT	
FIRE SERVICE	2.8 lb. (1.27 kg)
FIRE SERVICE STANDARD	3.2 lb. (1.46 kg)
OPERATING TEMPERATURE RANGE	-4°F to 140°F (-20°C to +60°C)
STORAGE TEMPERATURE RANGE	-4°F to 140°F (-20°C to +60°C)
HUMIDITY	10–95% r.H. (non-condensing)
DEGREE OF PROTECTION	IP67
POWER DISSIPATION	
CONTINUOUSLY	$P_o < 5 \text{ W}$
PEAK	$P_o < 12 \text{ W}$
POWER SUPPLY	
CONNECTOR TYPE	M12, 4-Pin, A-coded
Fire Service	Ethernet kit (optional) with cable bushing included
Fire Service Standard	
MINIMAL INPUT VOLTAGE	12 V DC
NOMINAL INPUT VOLTAGE	24 V DC
MAXIMAL INPUT VOLTAGE	30 V DC

Technical Specifications	
CONNECTIVITY	M12, 4-Pin, D-coded connector type 10 BASE-T/ 100 BASE-TX, galvanic isolated
WI-FI	
US	IEEE 802.11 a/b/g/n
EU	Long Range Radio 900 MHz
AN/NZ	Long Range Radio 868 MHz Long Range Radio 915 MHz
CERTIFICATIONS	UL 61010-1 (3rd Edition) CAN/CSA C22.2 No. 61010-1-2012 (3rd Edition) FCC 15.247 NFPA1982 EN 62368-1 EN 61000-6-2 EN 61000-6-3 EN 302 208 EN 300 328 EN 301 489 EN 301 511 EN 301 908 ET (vehicle)
INGRESS PROTECTION	IP67
TELECOMMUNICATION DIRECTION	Half Duplex
FREQUENCY	902-928 MHz
RADIO CHANNELS	52
MODULATION	FSK
DATE RATE	19.2 kbit/s
EMISSION POWER (MAXIMUM)	+27 dBm (500 mW)
RECEIVER SENSITIVITY (MINIMUM)	-104 dBm
FREQUENCY ALLOCATION	Frequency Hopping

WHEN YOU GO IN, WE GO IN WITH YOU.

Ordering Information

MSA HUB Fire Service	
10197698	MSA HUB Fire Service - EU
10197699	MSA HUB Fire Service - AUS
10197700	MSA HUB Fire Service - US

Replacement Parts

MSA HUB Fire Service	
10201790-SP	Wall power supply
10204998-SP	Power cable for car installation (82 ft. / 25 m)
10201801-SP	Multi antenna with antenna cable for car installation (9.8 ft. / 3m)
10201944-SP	LRR antenna for car installation
10205446-SP	Antenna cable for LRR antenna (10 ft. / 3m)
MSA HUB Fire Service Standard	
10202199-SP	Industrial power supply
10203365-SP	Power cable DC (82 ft. / 25 m)
10203573-SP	Power cable AC EU (16 ft. / 5 m)
10195720-SP	Power cable AC US (16 ft. / 5 m)
10202197-SP	LRR antenna (EU)
10202198-SP	LRR antenna (US)
Accessories	
10195741-SP	Ethernet kit (Fire Service Standard)
10195743-SP	Ethernet Cable, 66 ft. / 20 m (Fire Service)
10195747-SP	Ethernet Cable, 16 ft. / 5 m (Fire Service)
10203364	Wall brackets (all)



Fire Service HUB
P/N 10197700

Fire Service HUB

The Fire Service HUB has attachment points on top allowing for antenna connection and routing to the top of a vehicle. This HUB is meant to be fixed in a vehicle responding on-scene.

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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