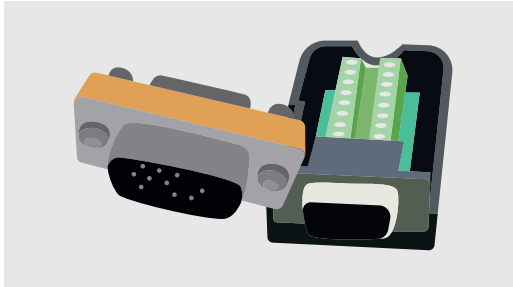
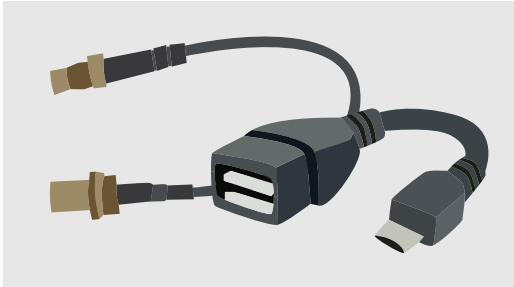
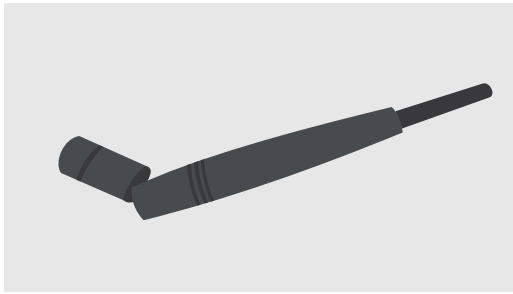
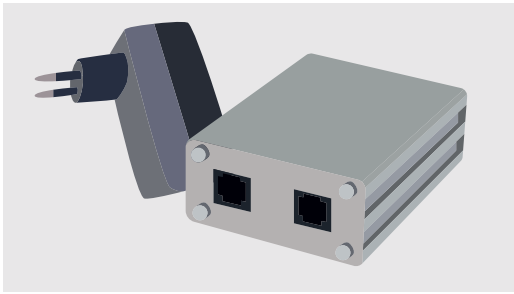




Let's make a

SMART WORLD



MTX ACCESSORIES

Power Supply, Antennas, Cables and more



#WeAreConnectivity

MTX is a Matrix Electrónica brand devoted to the design and manufacture of industrial modems and routers for IoT and M2M wireless communications. They are based on cellular 2G GSM/GPRS, 3G UMTS/HSPA, 4G LTE networks and other wired local connections such as RS232, RS485, LAN, CAN, I2C, as well as short-range wireless communication as Bluetooth, WiFi, LoRa and other ISM bands.



MTX products cover all kinds of communication needs.



More than 10 years of experience and 400 customers.



A team of engineers committed to the development of MTX products.

Connectivity Solutions

The multiple possibilities of MTX terminals allow them to adapt to any connectivity need. There are an infinite number of possible applications.

MTX ACCESSORIES TABLE OF CONTENTS

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POWER SUPPLIES



MTX ACC AC Power Adapter EU - RJ12

Not compatible with MTX-GTW

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Region	Europe
Cable / Connector	1.8 m Cable / RJ12

Part Number

901006301

Description

MTX ACC AC Power Adapter - RJ12



MTX-T ACC AC Power Adapter Universal - RJ12 - 2m

Not compatible with MTX-GTW / No plug

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.5 A
Power	18W
Region	Universal
Cable / Connector	2 m Cable / RJ12

Part Number

901003105

901003004

901003005

901003006

901003007

Description

MTX-T ACC AC Power Adapter GPP Universal - RJ12 - 2m (No P-plug)

MTX-T ACC AC Primary Plug GPP Series - EU

MTX-T ACC AC Primary Plug GPP Series - UK

MTX-T ACC AC Primary Plug GPP Series - USA/Japan

MTX-T ACC AC Primary Plug GPP Series -Australia/China

POWER SUPPLIES



MTX-T ACC AC Power Adapter Universal - RJ12 - 1.8m

Not compatible with MTX-GTW / With EU Plug

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m Cable / RJ12

Part Number

901005700

Description

MTX-T ACC AC Power Adapter GBT Universal - RJ12 -1.8m (EU+USA plug)



MTX ACC AC Power Adapter - Tinned Wires AWG22

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m AWG22 Cable / Tinned Wires

Part Number

901006300

901006023

Description

MTX ACC AC Power Adapter EU - Tinned Wires AWG22

MTX ACC AC Power Adapter US/JAP - Tinned Wires AWG22



MTX ACC AC Power Adapter - Tinned Wires AWG22

Input	100-240 VAC / 50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m AWG22 Cable / Tinned Wires

Part Number

901006443

Description

MTX ACC AC Power Adapter Universal Tinned Wires AWG22

POWER SUPPLIES



MTX ACC AC Power Supply Universal – Mounted on DIN

Input	100-240 VAC / 50-60 Hz
Output Voltage	12 Vcc
Output Current	1 A
Power	12W

Part Number

901006024

118001000

Description

MTX ACC AC Power Supply – DIN – MTX-12-1 Universal Input

MTX-T ACC Power Supply Cable RJ12 with fuse 1 A - 2.5m

POWER CABLES



MTX-T ACC Power Supply Cable RJ12 with fuse 1 A - 2.5m

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	Red	Positive	4	Red	Positive
2			5		
3			6	Black	Negative

Part Number

118001000

Description

MTX-T ACC Power Supply Cable RJ12 with fuse 1 A - 2.5m



MTX-T ACC Power Supply Cable RJ12 pin5 3 terminals - 1m

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	Red	Positive	4	Blue	Signal
2			5		
3			6	Black	Negative

Part Number

118001013

Description

MTX-T ACC Power Supply cable RJ12 + pin5 - 3 terminals - 1m



MTX-T ACC Power Supply Cable RJ12 blue wire pin5 - 1m

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	Red	Positive	4	Blue	Signal
2			5		
3			6	Black	Negative

Part Number

118001015

Description

MTX-T ACC Power Supply Cable RJ12 + blue wire pin5 - 1m



Cable PORT APAPTER - M8 - 6 flying leads

Rugged M8 male connector connected to 6 flying leads

Part Number

118001033

Description

MTX-T ACC Cable M8-6P - 6 flying leads - 1m

2G/GSM/GPRS ANTENNAS



Magnetic Antenna GSM2

Type	Antenna Magnetic 22/6 cm
Frequency	900/1800 MHz
Connector	FME F / SMA M / More
Gain	21 cm 2.5 dBi / 6cm 0 dBi
Dimensions	21 / 6 cm

Part Number

118009024

118009000

Description

MTX-Antenna Magnetic 22cm GSM2 FME F - RG174 - 3m

MTX-Antenna Magnetic (6 & 22 cm) GSM2 FME F - RG174 - 3m

3G/UMTS ANTENNAS



STUB Antenna GSM5

Type	Antenna Stub
Frequency	850/900/1800/1900/2100 MHz
Connector	FME F / SMA M / More
Gain	2 dBi
Dimensions	55 mm (without connector)

Part Number

118007013

118007032

Description

MTX-Antenna STUB GSM5 FME F

MTX-Antenna STUB GSM5 SMA M

STUBSW Antenna GSM5



Type	Antenna Stub
Frequency	850/900/1800/1900/2100 MHz
Connector	FME F/SMA M
Gain	3 dBi
Dimensions	170 mm (without connector)

Part Number

118009127

118009126

Description

MTX-Antenna STUBSW GSM5 FME F

MTX-Antenna STUBSW GSM5 SMA M

3G/UMTS ANTENNAS



Magnetic Whip Antenna GSM5

Type	Antenna Magnetic
Frequency	900/1800/1900/2100 MHz
Connector	FME F/SMA M
Gain	5 dBi / 3 dBi
Dimensions	300 mm / 200 mm

Part Number

118009041

118009034

118009140

Description

MTX-Antenna Magnetic Whip L30 GSM3 5dBi SMA M - RG174 - 3m

MTX-Antenna Magnetic Whip L20 GSM5 3dBi FME F - RG174 - 3m

MTX-Antenna Magnetic Whip L20 GSM5 3dBi SMA M - RG174 - 3m



Magnetic STUB Antenna GSM5

Type	Antenna Magnetic
Frequency	800/900/1800/1900/2100 MHz
Connector	FME F / SMA M
Gain	2 dBi
Dimensions	70 mm / 90 mm

Part Number

118007021

118012189

Description

MTX-Antenna Magnetic STUB L07 GSM5 SMA M - RG174 - 2.5m

MTX-Antenna Magnetic STUB L12 GSM5 FME F - RG174 - 3m



Screwed CPO Antenna GSM5

Type	Antenna Screwed
Frequency	870-960/1710-2170 MHz
Connector	SMA M
Gain	3 dBi
Dimensions	102x33,5 mm (øxh)

Part Number

118012113

Description

MTX-Antenna Screwed CPO GSM5 SMA M - RG174 - 2m

3G/UMTS ANTENNAS

Screwed ESFERA Antenna GSM5



Type	Antenna Screwed
Frequency	800/900/1800/1900/2100 MHz
Connector	FME F / SMA M / More
Gain	0 dBi
Dimensions	53x23 mm (øxh)

Part Number

118009169

118009153

Description

MTX-Antenna Screwed ESFERA GSM5 FME F - RG174 - 2m

MTX-Antenna Screwed ESFERA GSM5 SMA M - RG174 - 2m

MTX-Antenna Adhesive BLADE GSM5



Type	Antenna Adhesive
Frequency	800/900/1800/1900/2100 MHz
Connector	FME F / SMA M / More
Gain	2 dBi
Dimensions	115x22 mm

Part Number

118007003

118007002

Description

MTX-Antenna Adhesive BLADE GSM5 FME F - RG174 - 3 m

MTX-Antenna Adhesive BLADE GSM5 SMA M - RG174 - 3 m

4G/LTE ANTENNAS

Screwed OPN Antenna GSM5 LTE700/2600 MIMO



Type	Antenna Screwed
Frequency	699-960/ 1710-2170 / 2500-2690 MHz
Connector	2 x SMA M
Gain	3 dBi
Dimensions	77.3 x 65.5mm (dxh)

Part Number

118016052

Description

MTX-Antenna Screwed GSM5+LTE700/2600 MIMO - 2xSMA M - RG174 - 3m

4G/LTE ANTENNAS



STUBSW Antenna LTE2600

Type	Antenna Stub
Frequency	690-960/824-960/1710-1880/2550-2650 MHz
Connector	SMA M
Gain	5 dBi / 1 dBi
Dimensions	280 mm / 171 mm

Part Number

118009240

118009242

118012332

Description

MTX-Antenna STUBSW GSM5+LTE2600 5dbi SMA M

MTX-Antenna STUBSW GSM5+LTE2600 5dbi SMA M + Magnetic Base - RG174 3m

MTX-Antenna STUBSW WTR GSM5+LTE700/2600 SMA M

Screwed CMO Antenna LTE MIMO



Type	Antenna Screwed
Frequency	800/900/1800/1900/2100/2600 MHz
Connector	2 x SMA M
Gain	5 dBi
Dimensions	102 x 33.5mm (dxh)

Part Number

118012364

Description

MTX-Antenna Screwed CMO GSM5+LTE700/2600 5dBi MIMO - R1741 - 2m

WIFI ANTENNAS



STUBBY BT Antenna WiFi

Type	Antenna Stub
Frequency	2.4 - 2.5 GHz
Connector	SMA M
Gain	0 dBi
Dimensions	36 x17.5 mm (max)

Part Number

118012095

Description

MTX-Antenna STUBBY BT 2.4GHz SMA M RP

WIFI ANTENNAS



STUBSW Antenna WiFi

Type	Antenna Stub
Frequency	2.4 GHz
Connector	SMA M RP
Gain	5 dBi
Dimensions	190x12.7 mm

Part Number

118009238

Description

MTX-Antenna STUBSW 2.4GHz SMA M RP 5dBi



Adhesive BLADEMID Antenna WiFi

Type	Antenna Adhesive
Frequency	2.4 - 5 GHz
Connector	SMA M RP
Gain	2.5 dBi
Dimensions	110X18 mm

Part Number

118009232

Description

MTX-Antenna Adhesive BLADEMID 2.4/5GHZ SMA M RP - RG174 - 3m

GPS ANTENNAS



Magnetic Antenna GPS

Type	Antenna Magnetic
Frequency	1575.42 MHz (GPS)
Connector	SMA M
Gain	28 dBi
Dimensions	43 mm x 33 mm x 14 mm

Part Number

118014010

118009008

Description

MTX-Antenna Magnetic GPS SMA M - RG174 - 3m

MTX-Antenna Magnetic GPS SMA M - RG174 - 5m

COMBINED ANTENNAS



Screwed ESFERA Antenna GSM5 + GPS

Type	Antenna Screwed
Frequency	800/900/1800/1900/2100 MHz
Frequency GPS	1575.42 MHz (GPS)
Gain / LNA Gain	0 dBi / 27 dBi (LNA)
Connectors	(GSM5 FME F) + (GPS SMA M)

Part Number

118009144

118009201

Description

MTX-Antenna Screwed ESFERA (GSM5 FME F) + (GPS SMA M) - RG174 -3m

MTX-Antenna Screwed ESFERA (GSM5 FME F) + (GPS SMA M) - RG174 -5m



Adhesive BLADE Antenna GSM5 + GPS

Type	Antenna Adhesive
Frequency	800/900/1800/1900/2100MHz
Frequency GPS	1575.42 MHz (GPS)
Gain / LNA Gain	2.5 dBi / 27 dBi
Connectors	(GSM5 FME F/SMA M) + (GPS SMA M)

Part Number

118009145

118009146

Description

MTX-Antenna Adhesive BLADE (GSM5 FME F) + (GPS SMA M) - RG174 - 3m

MTX-Antenna Adhesive BLADE (GSM5 SMA M) + (GPS SMA M) - RG174 - 3m



Adhesive ESFERA Antenna GSM5 + GPS

Type	Antenna Adhesive
Frequency	800/900/1800/1900/2100MHz
Frequency GPS	1575.42 MHz (GPS)
Gain / LNA Gain	0 dBi / 1575.42 MHz (GPS)
Connectors	(GSM5 FME F) + (GPS SMA M)

Part Number

118009033

118009011

Description

MTX-Antenna Adhesive ESFERA (GSM5 FME F) + (GPS SMA M) - RG174 - 1m

MTX-Antenna Adhesive ESFERA (GSM5 FME F) + (GPS SMA M) - RG174 - 5m

RF CONNECTOR ADAPTERS



Part Number	Description
118008529	MTX-RF Connector Adapter SMA F - FME F
118008530	MTX-RF Connector Adapter FME M - SMA M
118008540	MTX-RF Connector Adapter SMA F RP - SMA M
118008543	MTX-RF Connector Adapter SMA F - SMA M RP
118008536	MTX-RF Connector Adapter SMA F - SMA M R/A
118003340	MTX-RF Connector Adapter FME M - TNC M
118100011	MTX-RF Connector Adapter TNC M RP - TNC F
118008086	MTX-RF Connector Adapter N M - SMA M

MOUNTING ACCESORIES



MTX-T Rail DIN Mounting

MTX-IoT	MTX-T	MTX-T2
MTX-Router-Titan-mini	MTX-GTW	

Part Number	Description
118001090	MTX-T ACC Rail DIN Mounting Kit for MTX (includes 2 screws)



MTX-T Rail DIN Mounting

MTX-Titan II	MTX-GTW II
--------------	------------

Part Number	Description
600110089	MTX-T ACC Rail DIN Mounting Kit (Titan II / GTWII)



MTX-T Wall Mounting

MTX-Titan II	MTX-GTW II
--------------	------------

Part Number	Description
000427108	MTX-T ACC Wall Mounting Plate (Titan II / GTW II)

DATA CABLES



Cable USB A M - USB B M

Connector 1	USB A M
Connector 2	USB B M

Part Number

118001064

Description

MTX-T ACC Data Cable USB A M - USB B M - 1.8m



Cable USB A M - Mini USB B M - 5 pines

Connector 1	USB A M
Connector 2	Mini USB B M

Part Number

118008148

118001009

118001082

118001107

Description

MTX-T ACC Data Cable USB A M - Mini USB B M - 5 pines - 500mm

MTX-T ACC Data Cable USB A M - Mini USB B M - 5 pines - 1.8m

MTX-T ACC Data Cable USB A M - Mini USB B M - 5 pines - 3m

MTX-T ACC Data Cable USB A M - Mini USB B M - 5 pines - 5m



Cable USB A M - Micro USB B M

Connector 1	USB A M
Connector 2	Micro USB B M

Part Number

118001111

118001108

Description

MTX-T ACC Data Cable USB A M - Micro USB B M - 300mm

MTX-T ACC Data Cable USB A M - Micro USB B M - 1m

DATA CABLES



Cable USB A F - Micro USB B M OTG

Connector 1	USB A F
Connector 2	Micro USB B M OTG

Part Number	Description
118001093	MTX-T ACC Data Cable USB A F - Micro USB B M OTG - 200mm



Cable NULL MODEM

Connector 1	DB9 M / DB9 F
Connector 2	DB9 M / DB9 F

Part Number	Description
118001041	MTX-T ACC Serial Cable DB9 M - DB9 M - Null Modem - 1.8m



Cable DB9 M - DB9 F

Connector 1	DB9 M
Connector 2	DB9 F

Part Number	Description
118001001	MTX-T ACC Serial Cable DB9 M - DB9 F - 1.8m
118001002	MTX-T ACC Serial Cable DB9 M - DB9 F - 3m

DATA CABLES



Cable DB15HD M - DB9 M

Connector 1	DB15 HD M
Connector 2	DB9 M

Part Number

118008541

Description

MTX-T ACC Data Cable DB15HD M - DB9 M - 1.5m



Cable DB9 M - RJ12

Connector 1	DB9 M
Connector 2	RJ12

Part Number

118001011

Description

MTX-T ACC Serial Cable DB9 M - RJ12 - 2.5m

CABLE PORT ADAPTERS



Cable PORT APAPTER - 3xRS232 Serial Cable

HD15 male connector connected to: 3xDB9 female connector (5 signal RS232 serial connection) and 7 flying leads. Conductor current rating < 1.5A DC, 26 AWG.

Part Number

118001101

Description

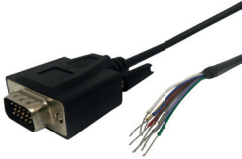
MTX-T ACC Data Cable DB15HD M - 3xDB9 M + 7 flying leads

Recommended for devices:

MTX-Gateway

MTX-GTW

CABLE PORT ADAPTERS



Cable PORT ADAPTER - 9 flying leads

DBHDB15 male connector connected to 9 flying leads.

Part Number	Description
118001004	MTX-T ACC Data Cable DB15HD M - 9 flying leads - 1.5m



Cable PORT ADAPTER - 15 flying leads

DBHDB15 male connector connected to 15 flying leads

Part Number	Description
118001092	MTX-T ACC Data Cable DB15HD M - 15 flying leads - 1.5m



Cable PORT ADAPTER - RS232 Serial Cable

HD15 male connector connected to DB9 female connector (5 signal RS232 serial connection) and 9 flying leads.

Part Number	Description
118001032	MTX-T ACC Data Cable DB15HD M - DB9 F + 9 flying leads



Cable PORT ADAPTER - M8 - 6 flying leads

Rugged M8 male connector connected to 6 flying leads

Part Number	Description
118001033	MTX-T ACC Cable M8-6P - 6 flying leads - 1m

DATA CONNECTOR ADAPTERS



Adapter DB15HD M - Terminal Block 16 pins

DBHDB15 male connector to terminal block.

Part Number	Description
118001115	MTX-T ACC Adapter DB15HD M - Terminal Block 16 pins



Adapter DB15HDM - DB9 F

DBHDB15 male connector to DB9 female connector.

Part Number	Description
118001007	MTX-T ACC Adapter DB15HD M - DB9 F



Adapter NULLMODEM DB9 M - DB9 M

DB9 male connector to db 9 male.

Part Number	Description
118001091	MTX-ACC Adapter NULL MODEM DB9M-DB9M mini

ANTENNA CONNECTORS GUIDE BY DEVICE

MTX DEVICE	3G	4G	GPS	WiFi	Other RF
MTX-ROUTER-TITAN II / MTX-GTW II	SMA F	SMA F	SMA F	SMA F RP	SMA F
MTX-ROUTER-TITAN II-R / MTX-GTW II-R	SMA F	SMA F	SMA F	SMA F RP	SMA F
MTX-ROUTER-TITAN / MTX-GATEWAY	SMA F	SMA F	SMA F	SMA F RP	SMA F
MTX-ROUTER-TITAN-MINI / MTX-GTW	FME M	SMA F	SMA F	SMA F RP	SMA F
MTX-ROUTER-HELIOS II	SMA F	SMA F	SMA F	SMA F RP	
MTX-ROUTER-HELIOS LITE 4G	SMA F	SMA F		SMA F RP	
MTX-ROUTER-HELIOS LITE 3G	SMA F			SMA F RP	
MTX-JAVA-IOT	FME M	SMA F	SMA F		SMA F
MTX-JAVA-T	SMA F	SMA F			
MTX-JAVA-T2	SMA F	SMA F			
MTX-LTE-C3-AUDIO		SMA F			

DATA CONNECTORS GUIDE BY DEVICE

MTX DEVICE	ETHERNET	USB	RS232 (1)	RS232 (2)	RS485
MTX-ROUTER-TITAN II / MTX-GTW II	RJ45	MICRO USB	DB9 F	DB9 M	TERM. BLOCK
MTX-ROUTER-TITAN II-R / MTX-GTW II-R	RJ45	USB	M8-6PINS	M8-6PINS	M8-6PINS
MTX-ROUTER-TITAN / MTX-GATEWAY	RJ45	MICRO USB	DB15 F & TERM. BLOCK	DB15 F & TERM. BLOCK	DB15 F & TERM. BLOCK
MTX-ROUTER-TITAN-MINI / MTX-GTW	RJ45	MICRO USB	DB15 F	DB15 F	DB15 F
MTX-ROUTER-HELIOS II	RJ45	USB	DB9 M		DB9 M
MTX-ROUTER-HELIOS LITE 4G	RJ45		RJ45		RJ45
MTX-ROUTER-HELIOS LITE 3G	RJ45		RJ45		RJ45
MTX-JAVA-IOT (STD VERSION)		MICRO USB	DB9 F	DB15 F	TERM. BLOCK
MTX-JAVA-T		MINI USB	DB9 F		TERM. BLOCK
MTX-JAVA-T2		MINI USB	DB9 F	DB9F	
MTX-LTE-C3-AUDIO		MINI USB	DB9 F		



 C/ Alejandro Sánchez, 109 - 28019 Madrid (Spain)

 +34 91 560 27 37  info@mtx2m.com

 www.mtx2m.com



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MTX-T ACC AC Power Adapter Universal - RJ12 - 1.8m

Not compatible with MTX-GTW / With EU Plug

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m Cable / RJ12

Part Number

901005700

Description

MTX-T ACC AC Power Adapter GBT Universal - RJ12 -1.8m (EU+USA plug)



MTX ACC AC Power Adapter - Tinned Wires AWG22

Input	100-240 Vca /50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m AWG22 Cable / Tinned Wires

Part Number

901006300

901006023

Description

MTX ACC AC Power Adapter EU - Tinned Wires AWG22

MTX ACC AC Power Adapter US/JAP - Tinned Wires AWG22



MTX ACC AC Power Adapter - Tinned Wires AWG22

Input	100-240 VAC / 50-60 Hz
Output Voltage	12 Vcc
Output Current	1.0 A
Power	12W
Cable / Connector	1.8 m AWG22 Cable / Tinned Wires

Part Number

901006443

Description

MTX ACC AC Power Adapter Universal Tinned Wires AWG22