



Security



Factory



Railways



Construction site



Power plant



Tanker



Warehouse



Service



Restaurant



Real estate

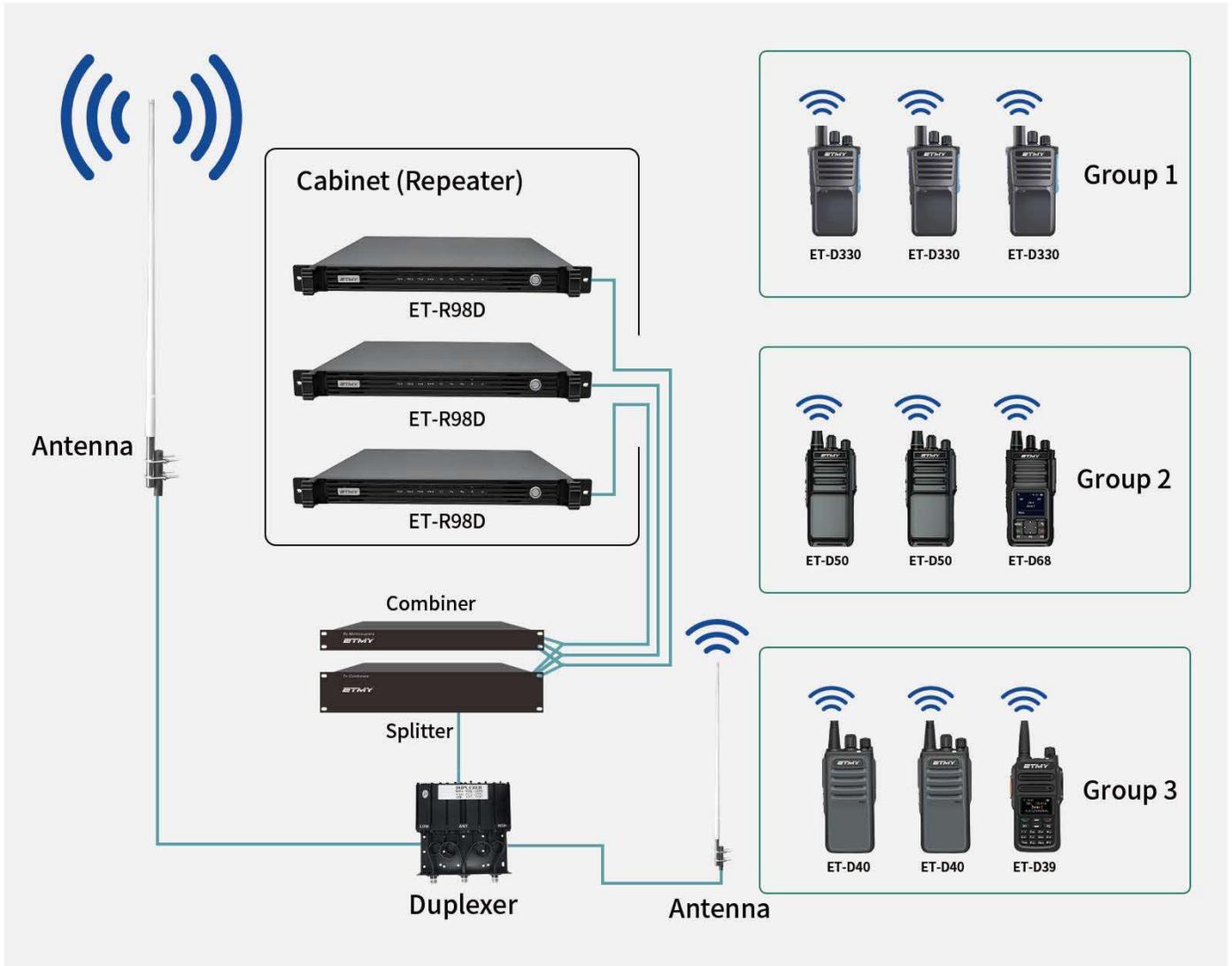


Fleet



New energy

And so on



DMR system connection diagram

The DMR (Digital Mobile Radio) digital cluster communication standard is an open standard designed and developed by ETSI (European Communications Standards Institute) to meet the mobile communication needs of mid to low end professional and commercial users in various European countries. The digital mobile wireless system standard was launched in April 2005. The latest version was released in December 2007.

The DMR standard adopts TDMA (dual time slot) multiple access mode, with a 12.5KHz channel interval, 4FSK modulation mode, and a data transmission rate of 9.6Kb/s. This standard is divided into three stages. The first stage is the digital standard for free frequency bands, the second stage is the digital standard, and the third stage is the cluster stage.



Explosion proof

ETMY ET-880EX

Analog Handheld Two-way radio

Features

- T4 level explosion-proof
- Emergency alarm
- Busy channel lock(BCL)
- Time-out Timer (TOT)
- High / Low output power
- Voice Operated Transmitting(VOX)
- Wide/Narrow bandwidth
- Power-saving mode

Specification

Frequency range	UHF:400-470MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	137*61*45 mm (Except antenna)
Weight	285g
Battery Capacity	2200mAh
Output power	1W/3W
Explosion proof	Ex ib IIB T4 Gb; Ex ib IIC T130°C Db

All Accessories



Multi band



LCD display



ETMY ET-66

Analog Handheld Two-way radio

Features

- Channel scanning
- VOX voice transmit
- QT/DQT
- Power saving mode
- Key lock
- Scrambling function
- FM radio function

Specification

Frequency range	UHF: 400-470MHz
Operating Voltage	DC 4.2V
Channel Capacity	16
Dimension	110*58*30 mm (Except antenna)
Weight	180g (Include battery, antenna)
Battery Capacity	3800mAh
Output power	≤5W
Operating temperature	-20°C~ +50°C
Protection grade	N/A

All Accessories



ETMY ET-79

Analog Handheld Two-way radio

Features

- Channel scanning
- VOX voice transmit
- QT/DQT
- Power saving mode
- Key lock
- Scrambling function
- FM radio function
- Voice clarity

Specification

Frequency range	UHF: 400-480MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	125*60*35 mm(Except antenna)
Weight	211g
Battery Capacity	2300mAh lithium battery
Output power	≤5W
Protection grade	N/A

All Accessories



ETMY ET-99

Analog Handheld Two-way radio

Features

- Busy Channel Lock(BCL)
- Time-out timer (TOT)
- CTCSS/DCS
- FM function
- Voice Operated Transmitting(VOX)

Specification

Frequency range	UHF:400-470MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	130*45*20mm (Except antenna)
Weight	174g
Battery Capacity	3800mAh
Output power	≤5W
Protection grade	N/A

All Accessories





Multi band



LCD display

ETMY ET-8R

Analog Handheld Two-way radio

Features

- IP68 Protection
- Busy Channel Lock(BCL)
- QT/DQT
- High/low power select
- VFO scan mode
- Voice Operated Transmitting(VOX)
- Scrambling function
- FM radio function

Specification

Frequency range Tx & Rx	VHF1: 136-174MHz, VHF2: 200-250MHz 350M: 350-399MHz UHF1: 400-520MHz, UHF2: 500-630MHz
Frequency range Rx only	FM: 65-108MHz, Air band: 108-137MHz VHF3: 260-290MHz
Channel Capacity	199
Dimension	130*60*38 mm (Except antenna)
Weight	277g
Battery Capacity	3800mAh
Output power	1-5W
Protection grade	IP68

All Accessories



LED display



High power

ETMY ET-538

Analog Handheld Two-way radio

Features

- IP68 Protection
- Busy Channel Lock(BCL)
- Time-out timer (TOT)
- Emergency alarm
- VFO scan mode
- Voice Operated Transmitting(VOX)
- Scrambling function
- FM radio function

Specification

Frequency range	VHF: 136-174MHz / 300-400MHz UHF: 400-520MHz
Channel Capacity	UHF: 128 / VHF: 16
Operating Voltage	DC 7.5V
Dimension	130*60*39 mm (Except antenna)
Weight	Approx 300g
Battery Capacity	3800mAh
Output power	UHF:10W / VHF: 8W
Protection grade	IP68



All Accessories



IP68 protection



LCD display

ETMY ET-UV9K

Tri-band walkie talkie

Features

- Scanning function
- Wide/Narrow Band
- FM radio function
- GPS(optional)
- Power saving function
- Voice Operated Transmitting(VOX)
- Bluetooth audio(optional)
- Emergency alarm function

Specification

Frequency range	Rx-only:64-108MHz/108-136MHz VHF:136-174MHz/220-260MHz UHF:400-520MHz/300-390MHz
Channel Capacity	199
Operating Voltage	DC 7.4V
Dimension	124*50*38 mm(Excluding antenna)
Weight	277g
Battery Capacity	3800mAh
Output power	10W
Protection grade	IP68

All Accessories



IP68 protection



LCD display

ETMY ET-UV10K

Dual band walkie talkie

Features

- Scanning function
- Wide/Narrow Band
- FM radio function
- Busy lock function
- Power saving function
- Voice Operated Transmitting(VOX)
- Bluetooth audio(optional)
- Emergency alarm function

Specification

Frequency range	VHF:136-174MHz/ UHF:400-480MHz
Channel Capacity	199
Operating Voltage	7.4VDC±15%
Dimension	130*60*38 mm(Excluding antenna)
Weight	277g
Battery Capacity	3800mAh
Output power	8W
Protection grade	IP68
Operation temperature	-20°C~ +60°C

All Accessories





Frequency hopping



High power

ETMY ET-988

Analog Handheld Two-way radio

Features

- FM radio function
- Wide/Narrow Band selective
- VOX function
- DTMF function
- Time-out Timer (TOT)
- Power-saving mode

Specification

Frequency range	UHF:400~480MHz
Antenna Impodance	50Ω
Channel capacity	16
Operating Voltage	DC 7.4V
Dimension	133*60*32 mm (Except antenna)
Weight	259g
Battery Capacity	2800mAh
Output power	≤12W
Protection grade	N/A

All Accessories



LED display

ETMY ET-980

Analog Handheld Two-way radio

Features

- LED display
- FM radio(Optional)
- CTCSS/DCS
- Voice Operated Transmitting(VOX)
- Time-out Timer (TOT)
- Power-saving mode
- Busy channel lock (BCL)
- Low battery warning

Specification

Frequency range	VHF: 136~174MHz / UHF: 400~480MHz
Channel Capacity	199
Operating Voltage	DC 7.4V
Dimension	116*57*35 mm (Except antenna)
Weight	180g
Battery Capacity	1500mAh
Output power	5W
Protection grade	N/A

All Accessories



Output power



IP67 protection

ETMY ET-51

Analog Handheld Two-way radio

Features

- High/low power
- Chinese and English prompt voice
- Low power reminder
- High definition voice output
- Scan/Squelch/Monitor
- 10W high-power output
- High definition voice intercom
- IP67 waterproof rating

Specification

Frequency range	UHF:400~480MHz
Channel Capacity	16
Output power	≤10W
Operating Voltage	7.4V DC
Dimension	141*65*38 mm (Without antenna)
Weight	195g (Without battery)
Battery Capacity	2200mAh
Audio output	≤1W (16Ω)
Protection grade	IP67

All Accessories



High power output



Explosion proof (optional)

ETMY ET-328

Analog Handheld Two-way radio

Features

- On click alarm
- Keyboard/Channel Lock
- IP68 waterproof
- VOX voice control
- Working alone
- Battery reminder
- Scanning function
- Record for 10 minutes

Specification

Frequency range	UHF: 400-520MHz
Charge mode	charging base/Type-C fast charger
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	125*58*43 mm (Except antenna)
Weight	285g
Battery Capacity	2500mAh
Output power	10W
Protection grade	IP68

All Accessories





Alarm



Aviation frequency (RX)

ETMY ET-UV58

Four band analog walkie talkie

Features

- 199 channels
- Scan/Squelch/Monitor
- Dual PTT
- Emergency alarm
- High, medium, and low power switching
- Voice Operated Transmitting(VOX)
- Noise reduction function (Opt.)
- GPS/Beidou positioning (Opt.)

Specification

Frequency range	136-520MHz	AM:108-136MHz(Rx) FM:64-108MHz(Rx)
Channel Capacity	199	
Operating Voltage	7.4V DC	
Dimension	141*65*38 mm (Excluding antenna)	
Weight	195g (Without battery)	
Battery Capacity	2200mAh	
Output power	≤10W	
Protection grade	N/A	

All Accessories



Type-C



Flashlight

ETMY ET-K16

Analog Handheld Two-way radio

Features

- Scanning function
- Flashlight
- Battery Save
- Battery report
- CTCSS/DCS
- Voice Operated Transmitting(VOX)
- SOS function
- Wide/Narrow band

Specification

Frequency range	VHF:136-174MHz/UHF: 400-520MHz
Channel Capacity	16
Operating Voltage	DC 3.7V
Dimension	90*50*26mm(Excluding antenna)
Weight	82g
Battery Capacity	1000mAh
Output power	≤2W
Protection grade	N/A

All Accessories



Flashlight



LCD display

ETMY ET-UV6

Dual band Two-way radio

Features

- High/low power
- DCS frequency hopping
- FM radio function
- Dual PTT key design
- Power saving function
- Voice Operated Transmitting(VOX)
- Multi band broadband +multi standby
- Wide/Narrow band selection

Specification

Frequency range	VHF:136-174MHz 200-280MHz UHF:350-520MHz
Channel Capacity	199
Operating Voltage	DC 7.4V
Dimension	100*47*36 mm(Excluding antenna)
Weight	211g
Battery Capacity	2800mAh
Output power	UHF:9W/2W; VHF:5W/2W
Charging port	Type-C USB

All Accessories



Aviation frequency



LCD display

ETMY ET-A23M

Aviation Band walkie talkie

Features

- PC Program
- 6W power output
- 200Air band Channels
- Cover a long distance
- Aviation frequency band
- Regular traditional TX/RX circuit
- 1.77 inch LCD color screen
- Channel Spacing 25K/8.33K

Specification

Frequency range	RX:108-135.95MHz;TX:118-135.995MHz;Wx:161-163.275MHz
Channel Capacity	200
Operating Voltage	7.4V DC+15%
Dimension	128*62*35 mm(Excluding antenna)
Weight	239g
Battery Capacity	2000mAh
Output power	6W(PEP)/1.8W(CW)
Protection grade	N/A

All Accessories





High power output



Explosion proof

ETMY ET-D330

Digital Handheld Two-way radio

Features

- On click alarm
- Encryption function
- Switching regions
- Scanning function
- Individual call, full call, phone number
- Voice Operated Transmitting(VOX)
- Battery Reminder
- Record for 10 minutes

Specification

Frequency range	VHF: 136-174MHz / UHF:350-390MHz UHF: 400-480MHz / 450-520MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	125*58*43 mm (Except antenna)
Weight	285g
Battery Capacity	2500mAh
Output power	10W
Protection grade	IP67

All Accessories



Emergency alarm

ETMY ET-D40

Digital Handheld Two-way radio

Features

- DMR digital
- Busy Channel Lock(BCL)
- Time-out Timer (TOT)
- Emergency alarm
- Individual call, group call, all call
- Voice Operated Transmitting(VOX)
- QT/DQT
- Remote kill, remote activation

Specification

Frequency range	VHF: 136-174MHz UHF: 350-390MHz / 400-470MHz
Channel Capacity	16
Operating Voltage	DC 7.5V
Dimension	128*59*38 mm (Except antenna)
Weight	260g
Battery Capacity	2200mAh
Output power	1W/5W



All Accessories



Scanning



Emergency alarm

ETMY ET-D39

Digital Handheld Two-way radio

Features

- TOT function
- Busy channel lock
- channel scan
- Emergency Alarm
- Individual call, group call, all call
- Remete kill,remote activation
- Squelch
- Reverse alarm function

Specification

Frequency range	VHF: 136-174MHz/ 220-260MHz 350-390MHz/400-480MHz/400-520MHz
Channel Capacity	1024
Operating Voltage	DC 7.4V+10%
Dimension	104*52*31 mm (Except antenna)
Weight	230g
Battery Capacity	1600mAh
Output power	1W/ 5W
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE++

All Accessories



Digital Multi mode



Recording function

ETMY ET-D69

Digital Handheld Two-way radio

Features

- DMR/NXDN
- TX priority Interrupt
- Emergency Alarm
- GPS positioning (opt)
- DMR Digital trunking
- Man Down
- Encryption: APC4 and AES256
- Direct mode/Repeater mode
Digital trunking mode

Specification

Frequency range	136-174MHz;350-400MHz;400-470 MHz;
Channel Capacity	2000/64Zones
Operating Voltage	DC 7.4V
Dimension	134*58*32 mm (Except antenna)
Weight	266g
Battery Capacity	2000mAh
Output power	1W / ≤5W
Protection grade	IP68
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE+2TM

All Accessories





ETMY ET-D50

Digital Handheld Two-way radio

Features

- DMR digital
- Busy Channel Lock(BCL)
- Time-out Timer (TOT)
- Emergency alarm
- Individual call, group call, all call
- Voice Operated Transmitting(VOX)
- Squelch level
- AES encryption(Optional)

Specification

Frequency range	VHF: 136-174MHz / UHF: 400-480MHz
Channel Capacity	199
Operating Voltage	DC 7.4V
Dimension	134*61*39 mm (Except antenna)
Weight	300g
Battery Capacity	2200mAh
Output power	1W / 5W
Protection grade	IP68
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE++

All Accessories



ETMY ET-D68

Digital Handheld Two-way radio

Features

- DMR digital
- Busy Channel Lock(BCL)
- Time-out Timer (TOT)
- Emergency alarm
- Individual call, group call, all call
- Voice Operated Transmitting(VOX)
- SMS function
- AES encryption(Optional)

Specification

Frequency range	VHF: 136-174MHz / UHF: 400-480MHz
Channel Capacity	1024
Operating Voltage	DC 7.4V
Dimension	134*61*39 mm (Except antenna)
Weight	305g
Battery Capacity	2200mAh
Output power	1W / 4W
Protection grade	IP68
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE++

All Accessories



ETMY DM-R98

Digital Handheld Two-way radio

Features

- DMR Digital / Analog
- UHF & VHF Dual band
- FM AM Radio
- Emergency Alarm
- Individual call, group call, all call
- Real-time clock
- SMS message
- Recording function (opt)

Specification

Frequency range	VHF: 136-174MHz & UHF: 400-470MHz
Channel Capacity	3000/250 Zones
Operating Voltage	DC 7.4V
Dimension	123*63*39 mm (Except antenna)
Weight	280g
Battery Capacity	2500mAh
Output power	2W/7W
Protection grade	N/A
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE++

All Accessories



ETMY AP35

Digital Handheld Two-way radio

Features

- PDT/DMR/NXDN
- SFR mode
- Digital encryption
- GPS positioning (opt)
- DMR Digital trunking
- 512 channels
- T4 Explosion proof (opt)
- Bluetooth voice / data (opt)

Specification

Frequency range	136-174MHz;350-400MHz;400-470 MHz;
Channel Capacity	512
Operating Voltage	DC 7.4V
Dimension	130*55*34 mm (Except antenna)
Weight	≤350g
Battery Capacity	2600mAh
Output power	1W / 5W
Protection grade	IP67
Digital Protocol	ETSI-TS102361 -1,-2, -3
Digital Vocoder	AMBE++

All Accessories





Android OS



GPS position

ETMY ET-A13

4G Android Professional PoC radio

Features

- 4G Network
- High fidelity audio
- Large volume
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC Global,Zello
Band	Support Band B1/B3/B5/B7/B8 /B20/B28/B34/B38/B39/B40/B41(Optional)
Dimension	90*50*37 mm
Weight	168g
Battery Capacity	3000mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Display	1.77 inch large screen display
Charging	Type-C charging connector

All Accessories



Waterproof



GPS position

ETMY ET-C58

4G PoC network & Analog radio

Features

- 4G Network/UHF
- 10W Output power
- Dual PTT transmission
- Transfer function
- GPS positioning (optional)
- Group call/single call/friend
- Dialing/Contacts/Call Records
- One click frequency matching

Specification

Platform	POC Global, REALPTT
Band	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 UHF:400-470MHz
Dimension	114.5*65*40 mm (Excluding antenna)
Weight	320g
Battery Capacity	2500mAh
Voltage	DC: 7.4 V, Output power:10W(analog)
Protection grade	IP67
Display	Large screen display
Operate temperature	-30°C~+75°C

All Accessories



LTE CAT-1



GPS position

ETMY ET-C6

4G CAT-1 Professional PoC radio

Features

- 4G Network
- High fidelity audio
- Large volume
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC Global
Band	Support Band B1/B3/B5/B8 B34/B38/B39/B40/B41
Dimension	107*50*37 mm
Weight	133g
Battery Capacity	3000mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Display	1.77 inch large screen display
Charging	Type-C charging connector

All Accessories



Bluetooth



Wifi

ETMY ET-A12

3G/4G Android PoC radio

Features

- 3G/4G Network
- High fidelity audio
- Large volume
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	Zello, POC Global
Band	B1/B3/B5/B7/B8/B34/B20/B28; B38/B39/B40/B41; B1/B5/B7/B8;
Dimension	126*61*27 mm
Weight	195g
Battery Capacity	3000mAh
Voltage	Rated voltage: 3.7V
Protection grade	N/A
Display	large screen display
Charging	Type-C charging connector

All Accessories





Cat-1 module



VOX position

ETMY ET-CW1

4G network watch walkie talkie

Features

- 4G Network
- High fidelity audio
- Intercom function
- 1.30 inch LED Color Screen
- VOX Voice Control Intercom
- AI Intelligent Noise Reduction
- GPS positioning (Optional)
- Single call, Group call, All call

Specification

Platform	POC Global
Band	(AS)LTE-FDD:B1/B3/B5/B8 LTE-TDD:B34/B38/B39/B40/B41 (EU)LTE-FDD:B1/B3/B5/B7/B8/B20/B28
Dimension	62*52*24mm
Module	CAT.1
Weight	77.5g
Battery Capacity	1200mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Charging	Type-C charging connector

All Accessories



LET CAT.1



GPS position

ETMY ET-C9

4G CAT-1 Professional PoC radio

Features

- 4G Network
- High fidelity audio
- Large volume
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC GLOBAL
Band	Support Band B1/B3/B5/B8/ B34/B38/B39/B40/B41
Dimension	103*60*30 mm
Weight	173.1 g
Battery Capacity	3000mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Display	1.77 inch large screen display
Charging	Type-C charging connector

All Accessories



Wifi function



Bluetooth

ETMY ET-A75

3G/4G PoC network & Analog radio

Features

- Analog/PoC network model
- High fidelity audio
- WIFI function
- BLUETOOTH
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC GLOBAL/SMART-PTT/POC STARS/ZELLO
Band	B1/B3/B5/B7/B8/B20/B28/B38/B39/B40/B41 Frequency(Analog):400-470/136-174/350-400MHz
Dimension	123*58*38mm (Excluding antenna)
Weight	293g
Battery Capacity	4000mAh
Voltage	Rated voltage: 3.7V
Output power	5W (Analog)
Display	High definition display screen
Charging	Type-C charging connector

All Accessories



Monitoring



Wifi

ETMY ET-L51

4G PoC network & Analog radio

Features

- Analog/PoC network model
- High fidelity audio
- Monitor function (optional)
- Patrol (optional)
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC Global,Real PTT
Band	(AS) B1/B3/B5/B8/B34/B38/B39/B40/B41 (EU) B1/B3/B5/B7/B8/B20/B28/B38/B40/B41
Frequency(Analog)	400-470MHz
Output power	≥4W (Analog)
Dimension	122*58*40mm (Excluding antenna)
Weight	268g
Battery Capacity	3000mAh
Display	Large screen display
Charging	Type-C charging connector

All Accessories





Cat-1 module



GPS position

ETMY ET-C25

4G PoC network radio

Features

- 4G Network
- High fidelity audio
- Quick Call
- 1.77 inch LED Color Screen
- TOT function
- Microphone Sensitivity Selection
- GPS positioning (Optional)
- Single call, Group call, All call

Specification

Platform	POC Global
Band	LTE-TDD:B34/B38/B39/B40/B41 LTE-FDD:B1/B3/B5/B8
Dimension	105*57*32.5mm
Module	CAT.1
Weight	237g
Battery Capacity	3800mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Charging	Type-C charging connector

All Accessories



LET CAT.1



GPS position

ETMY ET-C65

4G PoC network radio

Features

- 4G Network
- High fidelity audio
- Large volume
- Supprot 600 groups
- GPS positioning (optional)
- Group call/single call/friend
- PTT voice rights Application /preemption

Specification

Platform	POC GLOBAL
Band	Support Band B1/B3/B5/B8/B20 B28/B34/B38/B39/B40/B41/B66
Dimension	112*55.6*36 mm
Weight	207 g
Battery Capacity	4000mAh
Voltage	Rated voltage: 3.7V
Protection grade	IP54
Display	1.77 inch large screen display
Charging	Type-C charging connector

All Accessories



Explosion proof

ETMY ET-328EX

Analog Handheld Two-way radio

Features

- On click alarm
- IP68 waterproof
- Working alone
- Scanning function
- Keyboard/Channel Lock
- VOX voice control
- Battery reminder
- Record for 10 minutes

Specification

Frequency range	UHF: 400-520MHz
Charge mode	Charging base
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	125*58*43 mm (Except antenna)
Weight	285g
Battery Capacity	2500mAh
Output power	3W
Protection grade	IP68
Explosion proof	Ex ib IIB T4 Gb: Ex ib IIC T130°C Db

All Accessories



Explosion proof

ETMY ET-D330EX

Digital Handheld Two-way radio

Features

- On click alarm
- Encryption function
- Switching regions
- Scanning function
- Individual call, full call, phone number
- Voice Operated Transmitting(VOX)
- Battery Reminder
- Record for 10 minutes

Specification

Frequency range	VHF: 136-174MHz / UHF:350-390MHz
Channel Capacity	UHF: 400-480MHz / 450-520MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	125*58*43 mm (Except antenna)
Weight	285g
Battery Capacity	2500mAh
Output power	3W
Protection grade	IP67
Explosion proof	Ex ib IIB T4 Gb: Ex ib IIC T130°C Db

All Accessories



IP67

Waterproof



GPS position



ETMY ET-C58D

4G PoC network & Digital radio

Features

- 4G Network/DMR
- 10W Output power
- Dual PTT transmission
- Transfer function
- GPS positioning (optional)
- Group call/single call/friend
- Dialing/Contacts/Call Records
- One click frequency matching

Specification

Platform	POC Global, REALPTT
Band	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 UHF:400-470MHz
Dimension	114.5*65*40 mm(Excluding Antenna)
Weight	320g
Battery Capacity	2500mAh
Voltage	DC: 7.4V, Output power:10W(Digital)
Protection grade	IP67
Display	Large screen display
Operate temperature	-30°C~+75°C

All Accessories



GPS high-precision positioning



AES256 encryption



ETMY ET-D88

Digital Handheld Two-way radio

Features

- 2.4inch color screen
- Emergency alarm
- recording function
- Scanning function
- Wide and narrow band selection
- Noise cancellation
- Individual call/Group call/All call
- SMS function

Specification

Frequency range	VHF: 136-174MHz / UHF:350-390MHz UHF: 400-480MHz
Channel Capacity	512/32 Zones
Operating Voltage	DC 7.4V
Dimension	146*64*36 mm (Except antenna)
Weight	258g
Battery Capacity	2000mAh
Output power	37dBm+1.5dB
Protection grade	IP68

All Accessories



10W

Output power

IP67

IP67 protection



ETMY ET-D51

Digital Handheld Two-way radio

Features

- High/low power
- Low power reminder
- Scan/Squelch/Monitor
- High definition voice intercom
- DMR dual band
- High definition voice output
- 10W high-power output
- IP67 waterproof rating

Specification

Frequency range	VHF:136-174MHz;UHF:400~470MHz
Channel Capacity	16
Output power	≤10W
Operating Voltage	7.4V DC
Dimension	141*65*38 mm (Without antenna)
Weight	195g (Without battery)
Battery Capacity	2200mAh
Audio output	≤1W (16Ω)
Protection grade	IP67

All Accessories



Alarm



IP67 Waterproof



ETMY ET-D58

DMR dual band walkie talkie

Features

- 199 channels
- Scan/Squelch/Monitor
- Dual PTT
- Emergency alarm
- High, medium, and low power switching
- Voice Operated Transmitting(VOX)
- Noise reduction function (Opt.)
- GPS/Beidou positioning (Opt.)

Specification

Frequency range	VHF:136-174MHz/ UHF:400-470MHz
Channel Capacity	199
Operating Voltage	7.4V DC
Dimension	141*65*38 mm (Excluding antenna)
Weight	195g (Without battery)
Battery Capacity	2200mAh
Output power	≤5W
Protection grade	IP67 waterproof

All Accessories





ETMY MT-690

100W High Power Analog Mobile radio

Features

- Four Display, Quad Standby
- 2 Tone, 5 Tone
- DTMF tone
- PTT-ID identification
- Remote Kill, Remote Stun
- FM Radio
- Alarm Function
- Repeater Function

Specification

Frequency range	VHF: 136-174MHz & UHF: 400-470MHz
Channel Capacity	256
Operating Voltage	13.8V DC ± 15%
Dimension	172*140*43 mm
Weight	1.03kg
Operating Temperature	-20°C~60°C
Output power	VHF: 100W / UHF: 75W



ETMY ET-M80D

DMR Digital Mobile radio

Features

- DMR digital/Analog
- 2 Tone / 5 Tone
- DTMF / MDC System
- Text Message
- Private Call/Group Call/All Call
- Priority Alert
- CTCSS/DCS
- High/Low power toggle

Specification

Frequency range	VHF:136-174MHz/UHF1:400-470MHz UHF2:400-520MHz/UHF3:350-400MHz
Channel Capacity	1000 / 250 zones
Operating Voltage	13.6V DC ± 20%
Dimension	175*160*46 mm
Weight	1.315kg
Operating Temperature	-20°C~60°C
Output power	5W / 25W / 50W
Digital Vocoder Type	AMBE++ / SELP
Digital Protocol	ETSI-TS102 361-1,-2,-3



ETMY ET-M90D

DMR Digital Mobile radio

Features

- Powerful Output 40W/25W(UHF) 60W/25W(VHF)
- 1024 Channel(16CH*64Zones) Programmable
- In-Vehicle DMR Mobile Radio
- Built-in Noise Cancellation Circuit
- Bluetooth Function Optional

Specification

Frequency range	VHF:136-174MHz UHF:400-470MHz
Channel Capacity	1024/64 zone
Operating Voltage	DC 13.8V±15%
Dimension	160x158x43mm
Weight	1.2kg
Operating Temperature	-25°C~+60°C
Output power	VHF: 60W/25W UHF: 40W/25W
Digital Protocol	ETSI-TS102 361-1,-2



ETMY AP3800

DMR Digital Trunking Mobile radio

Features

- PDT/DMR/NXDN
- Dual time slots
- GPS Function(Opt)
- Text Message
- DMR trunking
- SFR mode
- Private Call/Group Call/All Call
- Priority Alert

Specification

Frequency range	VHF: 136-174MHz UHF: 350-400MHz/400-470 MHz
Channel Capacity	500
Operating Voltage	13.6V DC ± 20%
Dimension	160*160*45 mm
Weight	1.5kg
Operating Temperature	-20°C~60°C
Output power	10W / 25W
Digital Vocoder Type	AMBE++ / NVOC
Digital Protocol	ETSI-TS102 361-1,-2,-3



ETMY ET-A720

4G POC network Mobile radio

Features

- 3G/4G public network
- Low power voice prompt
- Private Call/ Group Call
- Air upgrade/Manual Upgrade
- GPS positioning (Opt.)
- Color screen/Dual PTT MIC
- Bluetooth 4.2 (Opt.)
- 1.77-inch color screen

Specification

Platform	Zello/ PoC Global/Smart PTT/Poc Stars
LTE-FDD	B1/B3/B4/B5/B7/B8/B20/B28
LTE-TDD	B38/B39/B40/B41
WCDMA	B1/B5/B7/B8
GSM	GSM/GPRS: 850/900/1800/1900MHz
OS	Android 5.1
Storage	4GB+512MB/8GB+1GB (Optional)
Dimension	95x35x45mm(Except Antenna)
Weight	130g
Operating Temperature	-20°C~+70°C
Voltage	DC 13.8V



ETMY ET-M504

VHF Marine radio

Features

- IPX7 High-grade waterproof
- Weather channel alert
- Aquaquake
- GPS function(optional)
- DSC Call Auto answer

Specification

Frequency range	TX:156.025-157.425MHz RX:156.050-163.275MHz
Channel Capacity	88
Operating Voltage	DC 13.8V(15%)
Dimension	153x67x152mm
Weight	742kg
Operating Temperature	-20°C~+60°C
Output power	High 25W/Low 1W

Suction cup&clamp edge



TXPJ-A05



TXPJ-A04



TXPJ-A02



TXPJ-A01



TXPJ-B06

Headset



G hanging headset



Air Acoustic Tube headset



D hanging headset



Throat control headset



G strap microphone headset



Noise cancelling headset



Bluetooth headset



Bone Conduction Headset



C hanging headset



Air Acoustic Tube headset



Adjustable D-hook headset



C hanging headset

Microphone



Bluetooth handheld microphone



Handheld microphone



Handheld microphone



Handheld microphone

Waist & chest bags



Tactical waist bag



Tactical chest bag



Tactical hanging bag



Tactical hanging bag



Tactical hanging bag

Charger base



12-Unit charger



6-Unit charger



4-Unit charger

Antenna

Handheld antenna



AT1279



AT80



AT79



RH660S(SMA-F)



V8



SF20

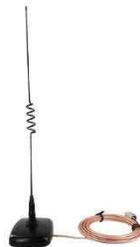
Mobile radio antenna



AZ507FX



CFP-730



Universal suction cup antenna



AZ510FX



AZ873UV



MC101V

Power supply



PS1220



PS1216



MT-T8000



PS1340A

Power supply chassis



TM-481 chassis



DM588 chassis



IC-V8000 chassis



MTM5200 chassis

Repeater:



ETMY ET-R80

Analog Radio Repeater

Features

- QT/DQT
- Squelch
- DTMF
- Relay gain
- Rx audio signal output (RA)
- RX detector signal output (RD)
- TX audio signal input (TA)
- TX signaling frequency offset

Specification

Frequency range	VHF: 136-174MHz / UHF:403-470MHz
Channel Capacity	16
Operating Voltage	DC 7.4V
Dimension	42*17*30 mm
Weight	About 10kg
Channel spacing	25 / 30KHz / 12.5 / 15KHz
Output power	1-25W / 25-45W



ETMY ET-R98D

DMR Digital Radio Repeater

Features

- 1U Compact design
- Remote monitoring diagnosis
- Automatic switching
- IP port interconnection
- Back-to-back voice cross
- Good heat dissipation

Specification

Frequency range	UHF1:400-470MHz/UHF2:450-520MHz VHF:136-174MHz / 350-400MHz
Channel Capacity	64
Operating Voltage	DC 13.8V (Optional: AC 100-250V)
Dimension	44x482.6x450 mm
Weight	11.2kg
Operating Temperature	-20°C~60°C
Output power	VHF: 45W/UHF: 40W
Static level	IEC 61000-4-2 (level 4)



ETMY ET-R50D

DMR digital relay station

Features

- DMR/NXDN
- IP interconnection
- Automatic switching
- DMR cluster
- Good heat dissipation
- Built in several loop controllers(Opt.)
- Intelligent IP Controller (Opt.)

Specification

Frequency range	VHF: 136-174MHz/ 350-400MHz UHF: 400-470MHz
Channel capacity	500
Working voltage	DC 13.6V±15% (AC 220V)
Dimensions	420x483x89 mm
Weight	15kg
Operation temperature	-20°C~60°C
Output power	5-50W
Static level	IEC 61000-4-2 (level 4)

ETMY ET-R51D

DMR+public network+analog
3-mode relay station

Features

- 1U Compact Design
- Same frequency relay/Different frequency relay
- IP interconnection
- Monitoring function
- DMR+Analog /PoC network+DMR+Analog / Ad hoc network (same frequency relay)
- Support PDT relay
- Virtual relay system (optional)
- Multi channel configuration
- Remote diagnosis and upgrade
- Support RealPTT/PoC Stars PoC Platform

Specification

Frequency range	UHF:400-470MHz UHF: 350-400MHz (Optional) VHF: 136-174MHz (Optional)
Channel capacity	16
Working voltage	DC 13.8V±20% (AC 220V)
Dimensions	483*358*44 mm
Weight	7.9kg
Operation temperature	-20°C~60°C
Output power	5-50W
Static level	IEC 61000-4-2 (level 4)
Network	GSM/CDMA/TD-SCDMA/WCDMA LTE-FDD/LTE-TDD
Channel broadband	5MHz/10MHz /5MHz/20MHz
Public network frequency band	LTE-FDD:B1/B2/B3/B5/B7/B8/B12/ B13/B14/B20/B28A/B66/B71 LTE-TDD:B38/B39/B40/B41. WCDMA:B1/B2/B4/B5/B8 TD-SCDMA:B34/B39 CDMA:BCO GSM:900/1800MHz



Duplexer:



ETMY DUPLEXER

Frequency band

- VHF:137-180MHz 10W/30W/50W
- 350M:340-390MHz 30W/50W
- UHF:380-520MHz 10W/30W/50W

Specification

Frequency Range	137-180MHz/340-390MHz/380-520MHz
VSWR	≤1.35
Bandwidth(KHz)	±100/±150/±200
Frequency Spacing(MHz)	>5-7/>7-12/12-20
Maximum Input Power	30W/50W/100W/150W
Normal Impedance	50Ω
Isolation	≥75dB
Connector	SMA/BNC/N-F
Operating Temperature	-20°C~+50°C



ETMY DUPLEXER

High power duplexer

Frequency band

- UHF:400-470MHz ≤200W
- 350MHz:350-370MHz ≤200W
- 130MHz:130-170MHz ≤200W

Specification

Dimensions	488*300*89mm
VSWR	≤1.25
Frequency Interval (MHz)	10/10/5.7
Broadband passband (MHz)	2.5/4.5/1.5-2
L port insertion loss (dB)	≤1.0/≤1.1/≤1.0
H-port insertion loss (dB)	≤1.0/≤1.1/≤1.0
RX-TX isolation (dB)	≥80/≥80/≥70
Connector	L16(N) type/N-K
Operating Temperature	-25°C~+85°C

Coupler:



ETMY COUPER

Frequency band

- 350-900MHz

Specification

Dimensions(including connectors)	156*58*17mm
Frequency range	350-900MHz
Impedance	50Ω
Standing-wave ratio	≤1.3
Insertion loss (6/10/15/20dB)	≤1.7/≤1/≤0.5/≤0.1
Isolation degree	≥20dB
Power Capacity	100W
Operating Temperature	-30°C~+60°C

Divider:



ETMY COUPER

High performance coupler

Frequency band

- 88-108MHz
- 136-174MHz
- 350-390MHz
- 400-470MHz
- 800-900MHz

Specification

Dimensions(including connectors)	216*35*17mm
Frequency range	88-108/136-174/350-390/400-470/800-900MHz
Impedance	50Ω
Standing-wave ratio	≤1.15
Insertion loss (6/10/15/20dB)	≤1.5/≤1/≤0.5/≤0.1
Isolation degree	≥20dB
Power Capacity	100W
Operating Temperature	-30°C~+60°C

Divider:



ETMY DIVIDER

Two way power divider

Frequency band

- UHF:400-500MHz

Specification

Type	Power splitter
Frequency	400-500MHz
Connector Type	N-F



ETMY DIVIDER

Four-way power divider

Frequency band

- UHF:300-500MHz

Specification

Type	4 way splitter
Frequency (MHz)	300-500MHz
Insertion loss (including distribution radio) (-dB)	≤6.6
Isolation (-dB)	≥25
Nominal impedance	50Ω
VSWR	≤1.4
Power (W)	50W
Connector	N
Environment temperature	-30°C~+60°C

Coaxial lightning arrester:



Lightning Arrester

CA-23R/CA-23RP lightning arrester

Frequency band

- DC-3000MHz

Specification

Frequency range	DC-2500MHz/DC-3000MHz
Connector Type	N-JK
Application standards	JIS C 5419
Standing-wave ratio	≤1.2:1
Nominal impedance	50Ω
Insertion loss	<0.5dB
100V insulation resistance	>10.000MΩ
(1x40) repeated discharge of 500A, with a frequency greater than 500 times	DC 230V±20%
DC starting voltage	DC 230V±20%
Pulse discharging voltage (1x40) us	6KA
Rated discharge current	10KA 8/20μSEC 5TIMES
Operation temperature	-30°C~+50°C

Optical fiber repeater:

Near end of fiber optic repeater ET-MU-400-J



Features

- 1-2U standard all aluminum chassis
- Using the original dual hole design to reduce the loss of dual jumper control and improve the attenuation of output power
- Bandstop duplexers can withstand 50W power, while bandpass duplexers can withstand 200W high power
- Adopting a new structural design enhances the out of band suppression system and adds three port isolators

Remote end of fiber optic repeater ET-MU-400-Y



Features

- 1-2U standard all aluminum chassis
- Using the original dual hole design to reduce the loss of dual jumper control and improve the attenuation of output power
- Bandstop duplexers can withstand 50W power, while bandpass duplexers can withstand 200W high power
- Adopting a new structural design enhances the out of band suppression system and adds three port isolators

Remote wall mounted fiber optic repeater



Features

- 1-2U standard all aluminum chassis
- Using the original dual hole design to reduce the loss of dual jumper control and improve the attenuation of output power
- Bandstop duplexers can withstand 50W power, while bandpass duplexers can withstand 200W high power
- Adopting a new structural design enhances the out of band suppression system and adds three port isolators

Trunk amplifier:

ETMY trunk amplifier GF-400



Frequency band

- Upstream: 400-460MHz
- Downstream: 410-470MHz

Specification

Frequency range	VHF:136~174MHz/350-370MHz UHF:400~430MHz/440-470MHz(Optional)
Maximum output power	33/37/40±1dBm / 10±1dBm
Automatic Level Control (ALC) dB	At the maximum output power, if the input increases by 10dB, the output power should be protected within 2dB
Nominal maximum gain (dB)	55±2(No light decay)
Passband Ripple (dB)	≤3(peak value)
Maximum lossless input level dBm	-10~+10 dBm / ≥-30
Stray emission working RF band	≤-60dBc/30kHz or ≤-36dBm/3kHz
Noise Figure (dB)	<18/<4
VSWR	≤1.4
Fiber port type	Single mode SC interface

Specification

Frequency range	VHF:136~174MHz/350-370MHz UHF:400~430MHz/440-470MHz(Optional)
Maximum output power	33/37/40±1dBm / 10±1dBm
Automatic Level Control (ALC) dB	At the maximum output power, if the input increases by 10dB, the output power should be protected within 2dB
Nominal maximum gain (dB)	55±2(No light decay)
Passband Ripple (dB)	≤3(peak value)
Maximum lossless input level dBm	-10~+10 dBm / ≥-30
Stray emission working RF band	≤-60dBc/30kHz or ≤-36dBm/3kHz
Noise Figure (dB)	<18/<4
VSWR	≤1.4
Fiber port type	Single mode SC interface

Specification

Frequency range	VHF:136~174MHz/350-370MHz UHF:400~430MHz/440-470MHz(Optional)
Maximum output power	33/37±1dBm, 40±1dBm, 43±1dBm / 10±1dBm
Automatic Level Control (ALC) dB	At the maximum output power, if the input increases by 10dB, the output power should be protected within 2dB
Nominal maximum gain (dB)	55±2(No light decay)
Passband Ripple (dB)	≤3(peak value)
Maximum lossless input level dBm	-10~+10 dBm / ≥-30
Stray emission working RF band	≤-60dBc/30kHz or ≤-36dBm/3kHz
Noise Figure (dB)	<18/<4
VSWR	≤1.4
Fiber port type	Single mode SC interface

Specification

Frequency range	UHF:400~460MHz (Upstream) UHF:410~470MHz (Downstream)
Duplex Distance	10MHz
Maximum output power	0 dBm (Upstream) 1~15W (Downstream)
Out of band rejection	≥80dB
Gain (dB)	Upward:≥28/Downward: 10-35
Maximum input power level	Upstream: -20dBm; Downstream: 20dBm
Passband Ripple	Upward:≤2.5dB (P-P); Downward:≤2.5dB (P-P)
Adjustable gain range (dB)	Downward: 0-20
SWR	≤1.5
RF Connector	N-K
Working power supply	110VAC/50-60Hz;220VAC/50-60Hz (Optional)
Power Supply (W)	<100

Outdoor antenna:



Fiberglass antenna

Frequency band

- VHF: 136~174MHz
- UHF: 400~470MHz

Specification

Usage frequency (MHz)	VHF:136-174MHz UHF:400-470MHz
VSWR	≤1.5
Gain (DB)	6DB
Dimension	225*2*2cm
Port form	N-Type
Temperature range (°C)	-25°C~65°C



Fiberglass antenna

Frequency band

- VHF: 136 ~ 174MHz
- UHF: 400 ~ 470MHz

Specification

Usage frequency (MHz)	VHF:136-174MHz UHF:400-470MHz
VSWR	≤1.5
Gain (DB)	6DB
Dimension	225*2*2cm
Port form	N-Type
Temperature range (°C)	-25°C~65°C

Indoor antenna:



Indoor omnidirectional ceiling mounted antenna

Frequency band

- VHF: 136 ~ 174 MHz
- UHF: 400 ~ 490 MHz

Features

- Broadband, low standing wave
- Small size, low profile, beautiful appearance

Specification

Usage frequency (MHz)	VHF:136~174MHz UHF:400~490MHz
VSWR	≤2.0
Gain dBi	2.15
Input impedance - Ω	50Ω
Maximum Power - W	50W
Port form	N / user specified
Polarization mode	vertical
Bandwidth MHz	16
Dimensions	φ165×94mm



High gain suction cup antenna

Frequency band

- VHF: 136 ~ 174 MHz (Optional)
- UHF: 400 ~ 430 MHz (Optional)

Features

- Good elasticity, not easily deformed
- High gain, wide coverage range

Specification

Usage frequency (MHz)	VHF:136~174MHz UHF:400~430MHz
VSWR	≤1.5
Gain (dB)	≥3.5
Input impedance - Ω	50Ω
Maximum Power - W	50W
Port form	N-Type
Temperature range (°C)	-20°C~60°C

Receiver splitter:



Receiver split splitter

Applicable frequency band

- 130-240MHz
- 350-470MHz

Product parameters:

Frequency range	130-240MHz / 350-470MHz
Number of receivers available	2-64
Gain	1dB-5dB (customizable according to user needs)
Dimensions	1U
vswr	≤1.35
Isolation width between receiving ports	≥ 27dB (including cavity filter)
Supply voltage	AC-220V/50Hz, DC-12V (optional)
Suppression system (for emission frequency)	≥70dB
Connector	N-type



Receiver 1/4 splitter

Applicable frequency band

- 130-240MHz
- 350-470MHz

Product parameters:

Frequency range	130-240MHz / 350-470MHz
Number of receivers available	2-64
Gain	1dB-5dB (customizable according to user needs)
Dimensions	1U
vswr	≤1.35
Isolation width between receiving ports	≥ 27dB (including cavity filter)
Supply voltage	AC-220V/50Hz, DC-12V (optional)
Suppression system (for emission frequency)	≥70dB
Connector	N-type

Broadband bridge combiner combiner:



3dB two-way directional coupler combiner

Input power

- ≥50W

Product parameters:

Depletion	≤3.8dB
Channel Spacing	≥80dB
Input power	Not less than 50W per channel
Dimensions	1U
Input voltage standing wave ratio	1.25
Voltage standing wave ratio at the output terminal	1.25
Connector	N-type
Temperature range	-20°C~ +55°C



3dB four-way directional coupler combiner

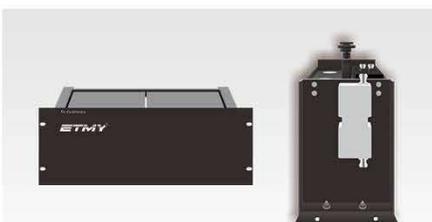
Input power

- ≥50W

Product parameters:

Depletion	≤3.8dB
Channel Spacing	≥80dB
Input power	Not less than 50W per channel
Dimensions	2U
Input voltage standing wave ratio	1.25
Voltage standing wave ratio at the output terminal	1.25
Connector	N-type
Temperature range	-20°C~ +55°C

Transmitter cavity combiner:



2-in-1 combiner

Input power

- ≥50W

Product parameters:

Frequency	350-370MHz / 380-400MHz / 410-430MHz / 450-470MHz
Insertion loss (frequency interval of 200KHz)	≤2.4 / ≤2.6 / ≤2.6 / ≤2.8
Insertion loss (frequency interval of 300KHz)	≤2.2 / ≤2.4 / ≤2.4 / ≤2.6
Insertion loss (frequency interval of 500KHz)	≤2.0 / ≤2.2 / ≤2.2 / ≤2.4