

## MT-IP Series Product

GET's MT-IP series product are designed to provide outdoor sealed connection in multi-fibers to mate sealed enclosure. The series product provides IP68 grade dust and water proof requirement; resistant to chemical and gasses corrosion in harsh environments. With ODVA compatible design, MT-IP series product widely used in many industrial applications: LTE, industrial automation and outdoor distributed antenna system.

### Features

- Modular and bayonet style mating easy to field installation
- Minimum 500 cycles mating durability
- IEC 61076-3-106 interface
- RoHS REACH compliant

### Applications

- RRU/BTS/NodeB/eNodeB
- CTJ Box in FTTA
- Macro/Micro Cell and BSS in 4G LTE-A & 5G
- Industrial Control/Automation for industry 4.0



Bulkhead Receptacle



Plug-in Connector



In-line Receptacle

### Specifications

Parameters	Single Mode	Multi Mode
Insertion Loss (dB)	Standard $\leq 0.75$ Low Loss $\leq 0.35$	$\leq 0.6$
Return Loss (dB)	$\geq 55$ (APC)	
Durability (Times)	50 mating (IL < 0.3dB change)	
IP Rating	IP68 (2m, 7 days)	
Operating Temperature	-40°C ~ +75°C	
Storage Temperature	-40°C ~ +85°C	



Ordering Information (Bulkhead Receptacle)

Part Number	Description
13U001A0AD0200201	MT-IP BULKHEAD RECEPTACLE (KEY UP TO KEY DOWN)
13U001A0AD0210201	MT-IP BULKHEAD RECEPTACLE W/ SHUTTER (KEY UP TO KEY DOWN)

Ordering Information (In-line Receptacle)

Part Number	Description
13U001A0AC0200201	MT-IP IN-LINE RECEPTACLE (KEY UP TO KEY DOWN)
13U001A0AC0210201	MT-IP IN-LINE RECEPTACLE W/ SHUTTER (KEY UP TO KEY DOWN)

Ordering Information (Connector Kit)

Part Number	Description
1FB45CB001A01	12F MT-IP(IN FACTORY) FEMALE SM/APC(GREEN MT HOUSING) FOR 5.0mm ROUND CABLE
1FB65CB001A01	12F MT-IP(IN FACTORY) MALE SM/APC(GREEN MT HOUSING) FOR 5.0mm ROUND CABLE
1FB02CB001A01	12F MT-IP(IN FACTORY) FEMALE MM/PC(BEIGE MT HOUSING) FOR 5.0mm ROUND CABLE
1FB03CB001A01	12F MT-IP(IN FACTORY) FEMALE MM/PC(AQUA MT HOUSING) FOR 5.0mm ROUND CABLE
1FB04CB001A01	12F MT-IP(IN FACTORY) FEMALE MM/PC(MAGENTA MT HOUSING) FOR 5.0mm ROUND CABLE
1FB22CB001A01	12F MT-IP(IN FACTORY) MALE MM/PC(BEIGE MT HOUSING) FOR 5.0mm ROUND CABLE
1FB23CB001A01	12F MT-IP(IN FACTORY) MALE MM/PC(AQUA MT HOUSING) FOR 5.0mm ROUND CABLE
1FB24CB001A01	12F MT-IP(IN FACTORY) MALE MM/PC(MAGENTA MT HOUSING) FOR 5.0mm ROUND CABLE

Application Note



