Power, Optic Connectors & Cable Assemblies

AC 20A / 220V FIC (F) Power Plug (Push-Pull_4SQ)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- Safety & Easy field installation
- 2 Compatible with rectifier equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC : Field Installable Connector F : Female
SAC : Solder Assembled Connector RC : Rectifier
SS : Samsung PP : Push-Pull Type
NK : Nokia BN : Bayonet Type

M : Male

ELG: Ericsson



FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / FIC / Female
Connector Dimension	Ø32 x 98mm
Dust & Waterproof Rate	IP67 ~ IP68
Mating Durability	500 (Cycle)
Pulling Force	200N

SC: Screw Type

OPERATING SPECIFICATIONS	
Rated Voltage	AC 220V
Rated Current	20A
Dielectric Withstanding Voltage	AC 1000V, 5mA, 60sec
Insulation Resistance	DC 500V, 10sec, Min 100MΩ
Contact Resistance	≤1.25mΩ

ENVIRONMENT TEST	
Air-Leakage	1bar / 30second (Less than 0.03bar)
Operating Temperature	-40 to +85℃
UV Test	720hours
Corrosion Test	Temperature: 35℃ / Salinity 5% / Spray volume 1~2 ml / Test time: 168 hrs (KSD 9502)
Vibration Test	Vibration frequency: 10~55Hz, displacement: 0.75mm, time of duration: 6H

Power, Optic Connectors & Cable Assemblies

AC 20A / 220V SAC (M) Power Receptacle (Push-Pull)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Safety & Easy field installation
- 2 Compatible with rectifier equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector

SAC: Solder Assembled Connector

SS: Samsung

NK: Nokia

ELG: Ericsson

F: Female

RC: Rectifier

PP: Push-Pull Type

BN: Bayonet Type

SC: Screw Type

M: Male

FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / Male
Connector Dimension	32.6 x 32.6 x 41.2mm
Dust & Waterproof Rate	IP68
Mating Durability	300 (Cycle)

OPERATING SPECIFICATIONS	
Rated Voltage	AC 220V
Rated Current	20A
Dielectric Withstanding Voltage	AC 1000V

ENVIRONMENT TEST	
Operating Temperature	-40 to +90℃

Power, Optic Connectors & Cable Assemblies

DC 40A / 50V SAC (F) Power Receptacle (Push-Pull)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- Safety & Easy field installation
- 2 Compatible with rectifier equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector

SAC: Solder Assembled Connector

SS: Samsung

NK: Nokia

ELG: Ericsson

F: Female

RC: Rectifier

PP: Push-Pull Type

BN: Bayonet Type

SC: Screw Type

M : Male



FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / Female
Connector Dimension	32.6 x 32.6 x 41.2mm
Dust & Waterproof Rate	IP68
Mating Durability	300 (Cycle)

OPERATING SPECIFICATIONS	
Rated Voltage	DC 200V
Rated Current	40A
Dielectric Withstanding Voltage	AC 1000V

ENVIRONMENT TEST	
Operating Temperature	-40 to +90℃

Power, Optic Connectors & Cable Assemblies

DC 40A / 50V SAC & FIC (M) Power Plug (Push-Pull_4SQ)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Compatible with rectifier equipment
- 2 Safety waterproofing function
- 3 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector F: Female SAC: Solder Assembled Connector RC: Rectifier PP: Push-Pull Type **BN**: Bayonet Type SC: Screw Type

SS: Samsung NK: Nokia ELG: Ericsson M: Male

FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / SOC & FIC / Male
Connector Dimension	Ø32 x 79mm (SOC) / Ø32 x 98mm (FIC)
Dust & Waterproof Rate	IP67 ~ IP68
Mating Durability	500 (Cycle)
Pulling Force	200N

OPERATING SPECIFICATIONS	
Rated Voltage	DC 48V
Rated Current	40A
Dielectric Withstanding Voltage	AC 1000V, 5mA, 60sec
Insulation Resistance	DC 500V, 10sec, Min 100MΩ
Contact Resistance	≤1.25mΩ

ENVIRONMENT TEST	
Air-Leakage	1bar / 30second (Less than 0.03bar)
Operating Temperature	-40 to +85℃
UV Test	720hours
Corrosion Test	Temperature: 35℃ / Salinity 5% / Spray volume 1~2 ml / Test time: 168 hrs (KSD 9502)
Vibration Test	Vibration frequency: 10~55Hz, displacement: 0.75mm, time of duration: 6H

Power, Optic Connectors & Cable Assemblies

DC 40A / 50V SAC (M) Power Plug (Push-Pull_4SQ)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Compatible with high power outdoor equipment for 5G antenna etc.
- 2 Safety waterproofing & Dust protect function
- 3 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC : Field Installable Connector

SAC : Solder Assembled Connector

SS : Samsung

NK : Nokia

ELG : Ericsson

F : Female

RC : Rectifier

PP : Push-Pull Type

SN : Bayonet Type

SC : Screw Type

M : Male



FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / SOC / Male
Connector Dimension	Ø32 x 83mm
Dust & Waterproof Rate	IP67 ~ IP68
Mating Durability	500 (Cycle)
Pulling Force	200N

OPERATING SPECIFICATIONS	
Rated Voltage	DC 48V
Rated Current	40A to 63A
Dielectric Withstanding Voltage	AC 1000V, 5mA, 60sec
Insulation Resistance	DC 500V, 10sec, Min 100MΩ
Contact Resistance	≤1.25mΩ

ENVIRONMENT TEST	
Air-Leakage	1bar / 3second (Less than 0.03bar)
Operating Temperature	-40 to +85℃
UV Test	720hours
Corrosion Test	Temperature: 35℃ / Salinity 5% / Spray volume 1~2 ml / Test time: 720hrs
Vibration Test	Vibration frequency: 10~55Hz, displacement: 0.75mm, time of duration: 6hrs

Power, Optic Connectors & Cable Assemblies

DC 40A / 50V FIC (F) Power Plug (Push-Pull_4SQ)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

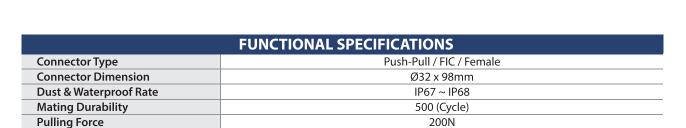
FEATURES / BENEFITS

- 1 Safety & Easy field installation cables
- 2 Compatible with outdoor equipment for 5G antenna etc.
- 3 Safety waterproofing & Dust protect function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC : Field Installable Connector F : Female
SAC : Solder Assembled Connector RC : Rectifier
SS : Samsung PP : Push-Pull Type
NK : Nokia BN : Bayonet Type
ELG : Ericsson SC : Screw Type
M : Male



OPERATING SPECIFICATIONS	
Rated Voltage	DC 48V
Rated Current	40A
Dielectric Withstanding Voltage	AC 1000V, 5mA, 60sec
Insulation Resistance	DC 500V, 10sec, Min 100MΩ
Contact Resistance	≤1.25mΩ

ENVIRONMENT TEST	
Air-Leakage	1bar / 1minute (Less than 0.03bar)
Operating Temperature	-40 to +85℃
UV Test	720hours
Corrosion Test	Temperature: 35℃ / Salinity 5% / Spray volume 1~2 ml / Test time: 720 hrs
Vibration Test	Vibration frequency: 10~55Hz, displacement: 0.75mm, time of duration: 6H



Power, Optic Connectors & Cable Assemblies

DC 65A / 50V FIC (F) Power Plug (Push-Pull_6SQ)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Safety & Easy field installation cables
- 2 Compatible with High power outdoor equipment for 5G antenna etc.
- 3 Safety waterproofing & Dust protect function
- 4 Excellent durability

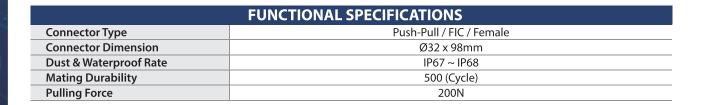
APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector F: I SAC: Solder Assembled Connector RC SS: Samsung PP

NK : Nokia ELG : Ericsson M : Male F : Female RC : Rectifier

PP : Push-Pull Type BN : Bayonet Type SC : Screw Type



OPERATING SPECIFICATIONS	
Rated Voltage	DC 48V
Rated Current	63A
Dielectric Withstanding Voltage	AC 1000V, 5mA, 60sec
Insulation Resistance	DC 500V, 10sec, Min 100MΩ
Contact Resistance	≤1.25mΩ

ENVIRONMENT TEST	
Air-Leakage	1bar / 3sec (Less than 0.03bar)
Operating Temperature	-40 to +85℃
UV Test	720hours
Corrosion Test	Temperature: 35℃ / Salinity 5% / Spray volume 1~2 ml / Test time: 720 hrs
Vibration Test	Vibration frequency: 10~55Hz, displacement: 0.75mm, time of duration: 6H



Power, Optic Connectors & Cable Assemblies

Signal 5A Connector & Cable Assembly (Push-Pull)

UBCS's Signal connectors and cable assemblies are designed for the user's convenience in outdoor network environments and ensure the best connectivity solutions.

FEATURES / BENEFITS

- 1 Push-Pull Type for easy field installation
- 2 Compatible with rectifier equipment
- 3 Excellent durability
- 4 High and Safety communication signal performance
- 5 Complied of IP67 & IP68 outdoor level

APPLICATIONS

1 5G Networks

2 Outdoor Wireless Networks

3 FTTA Solutions

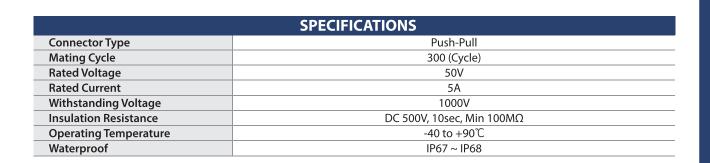
FIC: Field Installable Connector
SAC: Solder Assembled Connector
SS: Samsung

NK : Nokia ELG : Ericsson

M: Male

F : Female RC : Rectifier

PP: Push-Pull Type BN: Bayonet Type SC: Screw Type





Power, Optic Connectors & Cable Assemblies

DC 80A / 50V SAC (F) Power Receptacle (Push-Pull)

UBCS's DC/AC Power connectors are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Safety & Easy connection mount [Push-Pull Type]
- Compatible all of rectifier & batteries for high power equipment
- Safety waterproofing function
- 4 Easy & Safety solder type

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions





OPERATING SPECIFICATIONS	
Rated Voltage	DC 420V
Rated Current	80A
Dielectric Withstanding Voltage	2000V

ENVIRONMENT TEST	
Operating Temperature -40 to +85℃	



Power, Optic Connectors & Cable Assemblies

DC 80A / 50V Cable Assembly (Push-Pull)

UBCS's DC/AC power cable assemblies are mainly used to power supply between base station antennas and equipment such as 4G & 5G radio units, rectifiers, etc. for outdoor wireless networks.

FEATURES / BENEFITS

- 1 Safety & Easy field installation [Push-Pull Type]
- Compatible between rectifier & battery equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

M: Male



FUNCTIONAL SPECIFICATIONS	
Connector Type	Push-Pull / Male
Dust & Waterproof Rate	IP67 ~ IP68
Mating Durability	300 (Cycle)

OPERATING SPECIFICATIONS	
Rated Voltage	DC 420V
Rated Current	80A
Dielectric Withstanding Voltage	2000V
Insulation Resistance	DC 500V, 10sec, Min 100MΩ

ENVIRONMENT TEST	
Operating Temperature -40 to +85℃	



Power, Optic Connectors & Cable Assemblies

CPRI DLC (6.3mm) Optic Plug (Push-Pull)

UBCS's Optic cable assemblies are designed for the user's convenience in outdoor network environments and ensure the best connectivity solutions.

FEATURES / BENEFITS

- 1 Push-Pull Type for easy field installation
- Moving tolerance length for SFP position of inner equipment
- 3 High and Safety optical performance
- 4 Complied of IP67 & IP68 outdoor level
- **5** Satisfy CPRI communication conditions

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector SAC: Solder Assembled Connector

SS: Samsung NK: Nokia ELG: Ericsson M: Male F : Female RC : Rectifier

PP: Push-Pull Type BN: Bayonet Type SC: Screw Type



SPECIFICATIONS		
Connector Type	Push-Pull	
Operating Wavelength	1260 ~ 1620nm	
Environmental Conditions	Outdoor	
Configuration	Single Mode (9/125µm)	
Insertion Loss	≤0.5dB	
Return Loss	≥50dB	
Operating Temperature	-40 to +85℃	
Storage Temperature	-40 to +85℃	
Waterproof	IP67 ~ IP68	
UV & Salt Spray Test	720hours	

Accessories (Waterproof Kits)

OJC Waterproof Kit (Screw_SS / NK / ELG)

UBCS's Waterproof kits protect the optic connector and cable in the event of humidity and dust in the harsh outdoor environment.

They are mainly used in the outdoor wireless networks for connection between outdoor equipment such as FTTA solution equipment.

FEATURES / BENEFITS

- 1 Safety & Easy field installation [Screw Type]
- 2 Compatible with RRU or AAU equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector SAC: Solder Assembled Connector

SS: Samsung NK: Nokia ELG: Ericsson M: Male



BN: Bayonet Type SC: Screw Type

SPECIFICATIONS		
Connector Type	Screw Type	
Waterproof Rate	IP64	
Mating Durability	500 (Cycle)	
Temperature Rating	-40 to +85℃	

Accessories (Waterproof Kits)

RJ45 Alarm Waterproof Kit (Screw_SS)

UBCS's Waterproof kits protect the RJ45 connector and cable in the event of humidity and dust in the harsh outdoor environment.

They are mainly used in the outdoor wireless networks for connection between outdoor equipment such as FTTA solution equipment.

FEATURES / BENEFITS

- Safety & Easy field installation [Screw Type]
- 2 Compatible with rectifier equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector SAC: Solder Assembled Connector

SS: Samsung NK: Nokia ELG: Ericsson M: Male

F: Female **RC**: Rectifier

PP: Push-Pull Type BN: Bayonet Type SC: Screw Type

SPECIFICATIONS		
Connector Type	Screw Type	
Waterproof Rate	IP64	
Mating Durability	500 (Cycle)	
Temperature Rating	-40 to +85℃	



Accessories (Waterproof Kits)

RJ45 Waterproof Kit (Screw_Rectifier)

UBCS's Waterproof kits protect the RJ45 connector and cable in the event of humidity and dust in the harsh outdoor environment.

They are mainly used in the outdoor wireless networks for connection between outdoor equipment such as FTTA solution equipment.

FEATURES / BENEFITS

- Safety & Easy field installation
- 2 Compatible with rectifier equipment
- 3 Safety waterproofing function
- 4 Excellent durability

APPLICATIONS

- 1 5G Networks
- 2 Outdoor Wireless Networks
- **3** FTTA Solutions

FIC: Field Installable Connector F: Female SAC: Solder Assembled Connector **RC**: Rectifier SS: Samsung NK: Nokia ELG: Ericsson SC: Screw Type M: Male



SPECIFICATIONS		
Connector Type	Screw Type	
Waterproof Rate	IP67	
Mating Durability	300 (Cycle)	
Temperature Rating	-40 to +85℃	