

Amphenol
Socapex

■ **FIELD BUS**
solutions



USB-A Field

Amphenol Rugged USB-A plastic & neoprene solutions with Self Closing Cap

www.rjfield.com / www.usbfield.com

DESCRIPTION

Preliminary
Datasheet

Amphenol USB-A Field - Plastic & Neoprene versions are rugged USB interconnect solutions fitted to be used in any industrial harsh environment. The Self Closing Cap enclosure enables to protect the USB-A Field receptacle from dust and fluids when the plug or the USB Memory key are unmated.

■ Main characteristics

• Sealing Level :

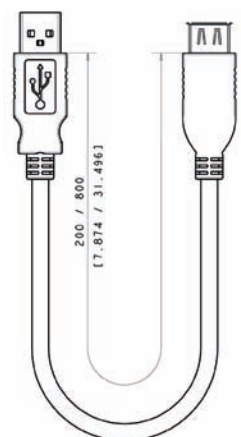
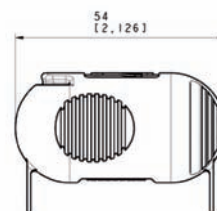
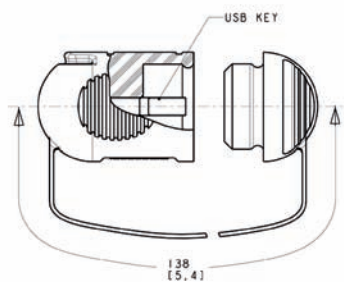
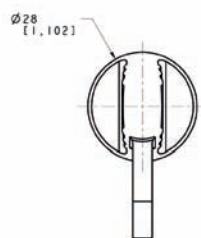
Matted condition with plug or Rugged USB Memory Key : IP67
Receptacle with Self Closing Cap alone : IP54

- Mating cycles: 500
- Push / Pull mating
- Neoprene shells for plug & USB Keys
- Data Transmission : USB Specification 2.0
- Data Rate: Up to 480 Mb/s for High Speed USB
- Temperature Range: - 40°C / +85°C
- RoHS compliant

■ Applications

- Access point
- Telecom Equipments
- Video Control
- Robotics
- Industrial Process Control
- CNC Machines
- Special Machines

■ Memory Key with soft neoprene shell



IP 67 when matted
on receptacle or with
neoprene protective cap

REFERENCE PART NUMBER	CAPACITE (Mo) CAPACITY (Mb)
USBAPKEY 1024	1024
USBAPKEY 2048	2048
USBAPKEY 4096	4096
USBAPKEY 8192	8192

OVERALL DIMENSIONS & P/N

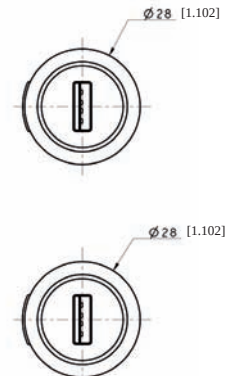
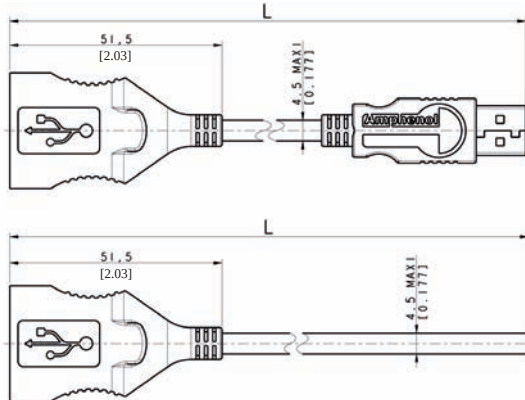
Preliminary
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■ Plug with soft neoprene shell



Part Number :
USBAP 6 xxxA
WITH USB-A PLUG

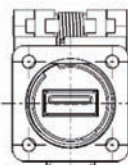
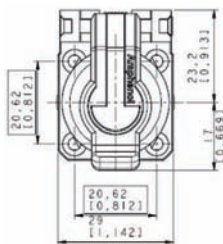
Part Number :
USBAP 6 xxx
Open



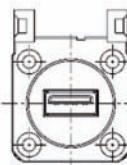
REFERENCE PART NUMBER	TYPE D'EXTREMITE EXTREMITY TYPE Ouverte ou USB-A Open or USB-A	L ⁺⁰ / _{-0.05} cm Mètres Meters	L ⁺⁰ / _{-0.164} ft Pieds Feet
USBAP6 05 OPEN	OUVERTE OPEN	0.5	1.64
USBAP6 05A	USB-A	0.5	1.64
USBAP6 10 OPEN	OUVERTE OPEN	1.0	3.28
USBAP6 10A	USB-A	1.0	3.28
USBAP6 15 OPEN	OUVERTE OPEN	1.5	4.92
USBAP6 15A	USB-A	1.5	4.92
USBAP6 20 OPEN	OUVERTE OPEN	2.0	6.56
USBAP6 20A	USB-A	2.0	6.56

IP 67 when matted on
receptacle

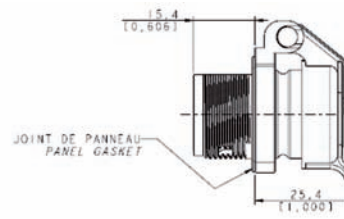
■ Square Flange Receptacle - IP54 when alone



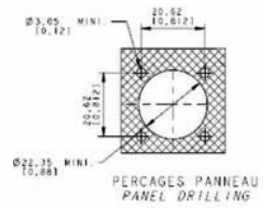
BACK VIEW



FRONT VIEW
W/O CAP

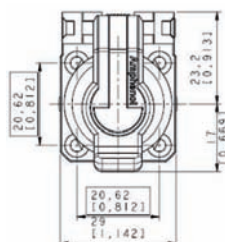


JOINT DE PANNEAU
PANEL GASKET



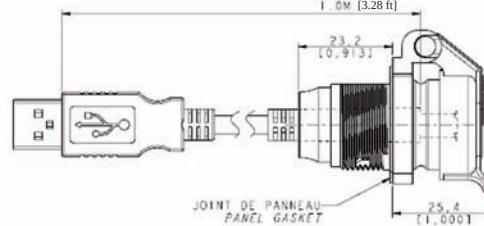
PERCAGES PANNEAU
PANEL DRILLING

Part Number : **USBAPSCC 21**

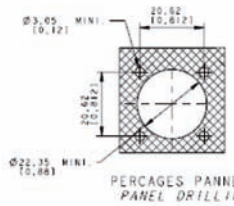


FRONT VIEW
W/O CAP

Longueurs standards L: 0.2M [0.66 ft.]
Standard lengths L: 0.3M [0.98 ft.]
0.5M [1.65 ft.]
1.0M [3.28 ft.]



JOINT DE PANNEAU
PANEL GASKET



PERCAGES PANNEAU
PANEL DRILLING

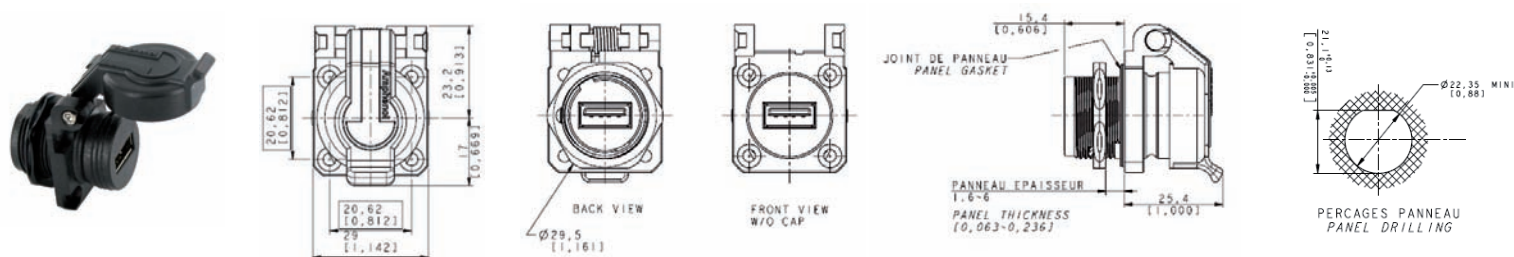
Part Numbers :

USBAPSCC 22 02A (0.2 m [0.66 ft.] cordset length) / **USBAPSCC 22 03A** (0.3 m [0.98 ft.] cordset length)
USBAPSCC 22 05A (0.5 m [1.65 ft.] cordset length) / **USBAPSCC 22 10A** (1 m [3.28 ft.] cordset length)

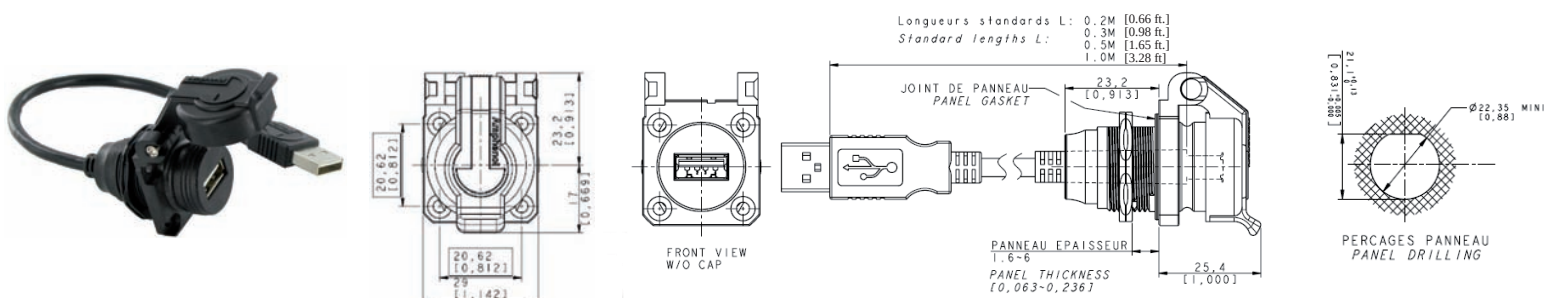
OVERALL DIMENSIONS & P/N

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■ Jam Nut Receptacle - IP54 when alone



Part Number : USBAPSCC 71



Part Numbers :

USBAPSCC 72 02A (0.2 m [0.66 ft.] cordset length) / USBAPSCC 72 03A (0.3 m [0.98 ft.] cordset length)
USBAPSCC 72 05A (0.5 m [1.65 ft.] cordset length) / USBAPSCC 72 10A (1 m [3.28 ft.] cordset length)

■ USB plastic – IP67 cap (for square flange receptacle only)



Part Numbers : USBAP IP67 CAP

Cap lanyard fixed by a screw (for square flange receptacle only)

How to unplug :



Locking Shape :

Push-up the self-closing cap before removing the USBKey, Plug or IP67 protective cap from the receptacle

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