FISCHER
KEYSTONE ™

TACTICAL
CONNECTIVITY
SOLUTION

- **Multiport tactical hub – 100 W and USB 2.0**

- **Power management app – ATAK plug-in**

- **Customized cable assembly solutions**

fischer
CONNECTORS ®

Part of Conextivity Group

FISCHER KEYSTONE™

–

EASY CONNECTIVITY AND **EFFICIENT**
DATA AND POWER MANAGEMENT
FOR **SOLDIER-WORN** DIGITAL EQUIPMENT

Power management app

6-port tactical hub

Customized cable
assembly solutions

EASY TO WEAR.

EASY TO CONNECT.

EASY TO CONTROL.

FISCHER KEYSTONE™

TACTICAL CONNECTIVITY SOLUTION

Overview

—

A SIMPLE, EASILY DEPLOYABLE PERSONAL AREA NETWORK SOLUTION TO THE SOLDIER CONNECTIVITY CHALLENGE. **SEAMLESSLY INTEGRATED.**

Dismounted soldiers wear multiple communications and sensing devices that increase both their situational awareness and their ability to rapidly identify potential threats and take decisive action in the battlefield. They require high levels of power delivered from a supply which they must carry. At the same time, their digital equipment must efficiently and reliably move massive amounts of data, including voice, video and other data types, across multifunctional C4ISR devices and systems. This data must move in harsh physical environments, with minimal signature, without distracting the soldier from the mission and environment.

Comprising a multiport **tactical hub**, a **power management app** and **customized cable assembly solutions**, **Fischer KEYSTONE™** is the **complete solution** to the connectivity challenge confronting soldiers in the battlefield. It enables soldiers to **connect and power** their body-worn devices **easily and reliably**, and to **efficiently manage the flows of power and data** from and to these devices through a single source. The soldier can control the hub, devices and power supply through a single app on the end user device, as a standalone app or within a well-known geospatial infrastructure and military situation awareness environment: the Android Team Awareness Kit (ATAK).

FISCHER KEYSTONE™ HELPS SOLDIERS CONNECT THEIR DIGITAL EQUIPMENT AND MAKE BETTER DECISIONS.

Fischer KEYSTONE™ **solves power distribution problems**. It supports a wide range of standard batteries, from a simple DC voltage source to smart batteries. Through its SMBus protocol, the user can monitor the battery's state of charge, voltage and current, allowing to estimate the remaining operating time. Even with non-SMBus batteries, Fischer KEYSTONE™ can measure key electrical parameters and send alerts to the user if critical thresholds are crossed. The hot-swap battery feature allows the hub to switch from one power source to another without losing power to the PANs and the EUD.

Fischer KEYSTONE™ **provides solid power management and protection to all connected devices**. Controls are available within an Android power management application with seamless integration into the industry standard ATAK. Each network port can be individually controlled and configured to enable/disable USB (5.0 V) and VBatt (14 V) power in addition to other features and settings.

Fischer KEYSTONE™ **boots fast and securely with only booting signed software**. All internal code is protected by AES256 encryption and is FIPS 140-2/3 capable. The hub does not natively store any user or mission data. Since the hub uses USB, all data is transported using widely adopted standards, such as Ethernet or IP over USB, utilizing transport layer security.

The Fischer KEYSTONE™ hub is **small and robust**. It has been designed to not only withstand arduous environments but also the harshest of connectivity treatments. It is machined from a solid aluminum block and weighs just 241 grams. Internal electronics is protected within an IP68-sealed watertight enclosure. The connections have a pigtail design that improves ergonomics and connection flexibility for the user, thus optimizing the form factor. The MOLLE mounts are built in the chassis, allowing the hub to be attached without the need for any additional accessories.

Fischer KEYSTONE™ **minimizes emissions of all kinds**. Designed to meet the U.S. Army's specifications for the Next Generation Hub (NGH), it has very low thermal and EMI/C signatures. The design limits unnecessary processing on the board while optimizing high-speed digital circuitry and switching in a fully shielded enclosure. This efficient approach minimizes the thermal signature and reduces the risk of detection.

Swiss-engineered for MIL-spec digital connectivity with Fischer Connectors' world-renowned technologies in ruggedness, sealing, miniaturization and data transmission.

THE **RIGHT FEATURES** FOR TACTICAL DIGITAL CONNECTIVITY

- **Manages power (100 W – 5 A max) and data (USB 2.0 and SMBus)**
- **Meets MIL-STD 810 and 461**
- **Secure firmware**
- **ATAK plug-in**
- **USB-C bidirectional power delivery**

THE **RIGHT CHOICE** FOR MOST SOLDIER MODERNIZATION REQUIREMENTS

- **Connects to all Nett Warrior / NATO STANAG 4695 and 4851 standard components**
- **Simple operation with no training required**
- **No maintenance or repair parts**
- **Competitive multiport tactical hub**
- **Manages all digital equipment for most soldiers**
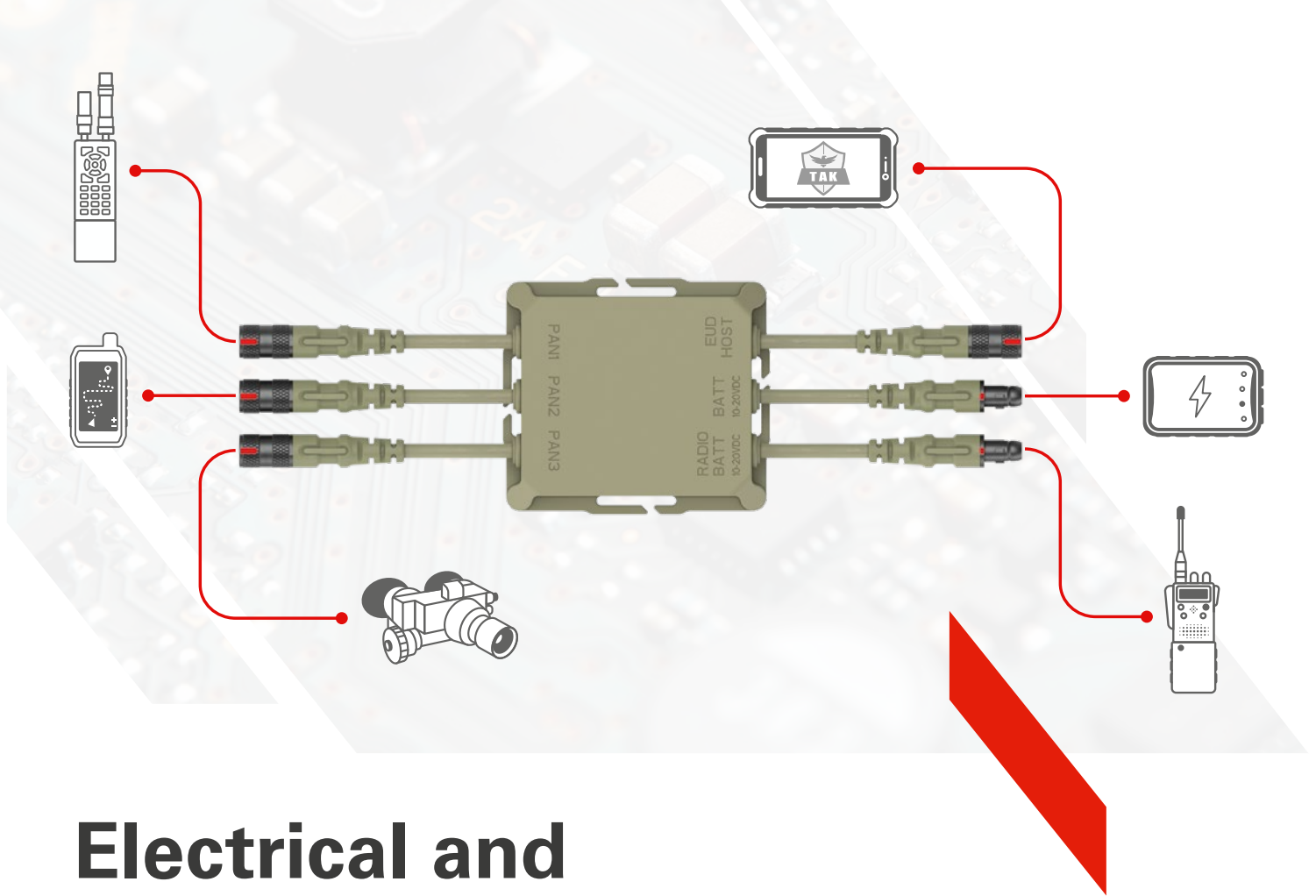
Electrical and data architecture

—

## OPTIMIZED POWER MANAGEMENT FOR UNFAILING POWER SUPPLY.

Power management is critical to infantry operations. Dismounted soldiers rely on a complex digital system that requires high levels of energy. Efficient management of **power supply, distribution and sourcing** is therefore key.

Fischer KEYSTONE™ has been specifically designed to **reduce the physical, cognitive and logistic burden** faced by soldiers who need to stay focused on their mission without carrying multiple batteries or constantly worrying that devices are correctly powered and charged throughout the duration of the mission.

The Fischer KEYSTONE™ multiport hub and cable assembly solutions enable soldiers to power their devices through a central battery, optimizing resource management for **lighter combat gear**.

With the SMBus technology, the Fischer KEYSTONE™ hub monitors battery state of charge and operating time, while the user manages the system's energy flow on the EUD power management app. The individual PANs' energy consumption can be independently monitored and controlled for **better efficiency**.

VBATT POWER DISTRIBUTION
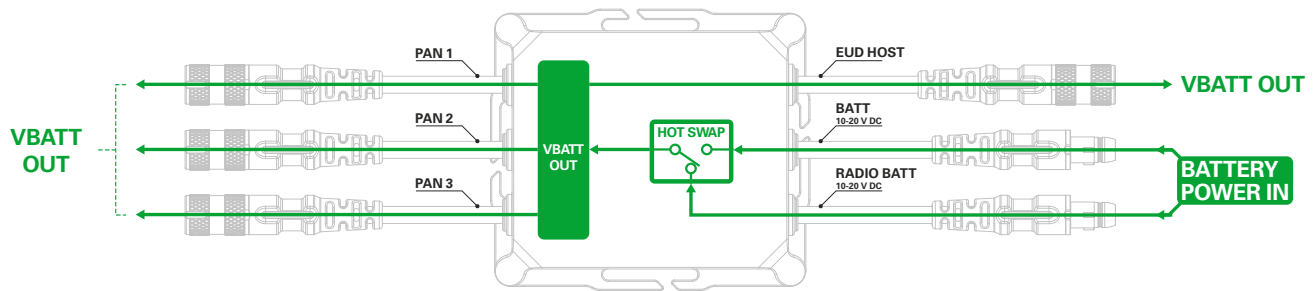
- Wide range of batteries supported, incl. SMBus protocol
- Unregulated VBATT distribution between 10–20 V DC
- Dual battery hot-swap functionality
- Electrical fail-safe mechanisms on all ports

5 V DC POWER DISTRIBUTION
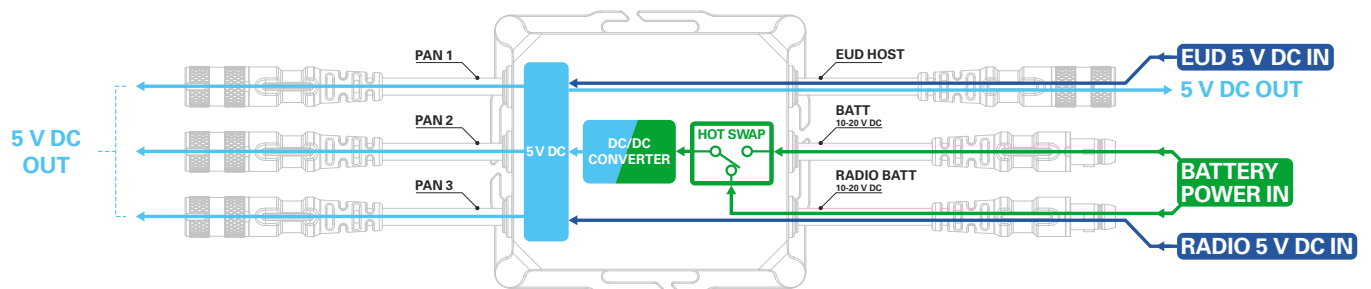
- USB devices powered by regulated 5 V bus
- USB-C bidirectional power delivery on EUD port
- Radio 5 V DC Power IN functionality on RADIO/BATT port
- Robust protection of 5 V bus circuits

DATA DISTRIBUTION
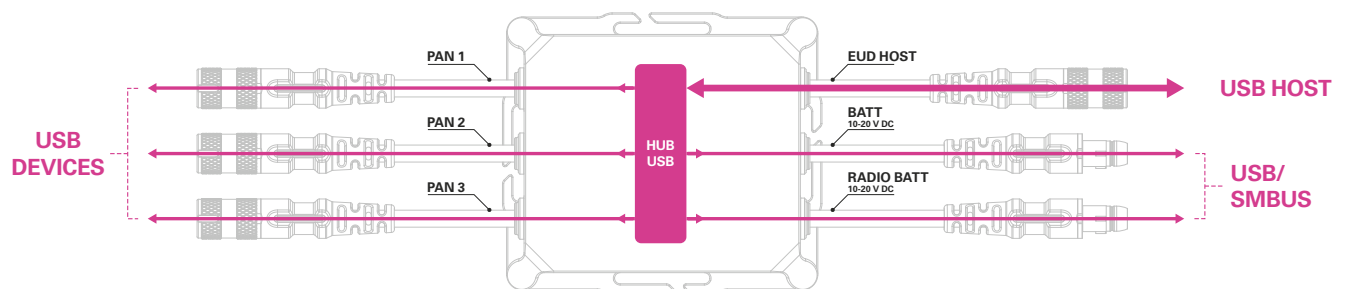
- EUD/HOST USB HUB upstream port
- PANs, BATT and RADIO/BATT USB downstream ports
- Automatic detection between USB and SMBus on BATT and RADIO/BATT ports

EXAMPLES OF SUPPORTED BATTERIES

Inventus Power *Conformal Wearable Battery*

Nominal voltage: 14.8 V
Rated capacity: 10 Ah
Nominal energy: 152 Wh

Galvion *SoloPack™ Battery*

Nominal voltage: 15.0 V
Rated capacity: 6.8 Ah
Nominal energy: 98 Wh

Software application
—
ALL-IN-ONE TO ENSURE MISSION FOCUS.

The Fischer KEYSTONE™ system software has been designed to provide an easy-to-use **all-in-one** application to manage the power and data flows of all worn devices, enhancing the situational awareness and efficiency of soldiers at every level of their mission in the field.

The Android power management application delivered by the Fischer KEYSTONE™ software comes as a standalone app and/or as a plug-in seamlessly integrated within the industry standard **ATAK (Android Team Awareness Kit)**, the leading battlefield awareness software application known to dismounted soldiers, Fischer Connectors' customers and Soldier Modernization programs.

The app or plug-in serves as a single, centralized PAN management application with an easy-to-read GUI on the soldier EUD – smartphone or tablet. It allows soldiers to quickly and easily **monitor** battery charge and system status, independently **control** power and data for each port of the Fischer KEYSTONE™ hub, and **manage** the power and data flows of all interconnected peripherals and devices – **without switching between different apps or leaving the ATAK environment**. This reduces the risk of distraction, and soldiers stay focused on their mission.

Software security is ensured through only booting signature verified with a SHA256 checksum and an ECC256 signature, while update files are encrypted using an AES 256 encryption. **The firmware code has been designed to meet the FIPS 140-2/3 requirements**.
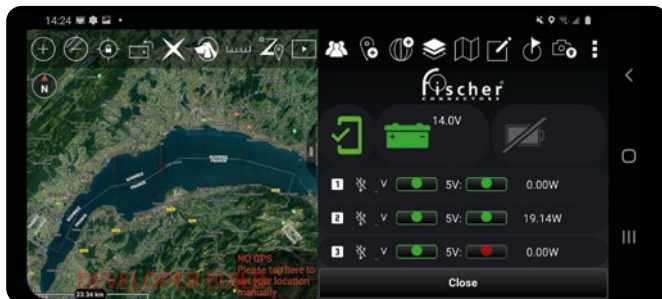
THE FISCHER KEYSTONE™ POWER MANAGEMENT APP COMES AS A STANDALONE APP AND/OR AN ATAK PLUG-IN.

STANDALONE POWER MANAGEMENT APP

Fischer KEYSTONE™ provides solid power management of the devices connected to the tactical hub. It supports all types of batteries, from 'dumb' to smart batteries compatible with the System Management Bus (SMBus). Through its SMBus, it allows the user to monitor battery life, voltage and current.

ATAK PLUG-IN

Users of Fischer KEYSTONE™ benefit from the essential functionalities of the industry standard Android Team Awareness Kit (ATAK) software application when the system power management app is integrated as a plug-in.

Data and power management controls are available within the ATAK plug-in. The hub operates from a wide range of non-SM batteries and displays voltage and current within the ATAK plug-in. Each network port can be individually controlled and configured to enable/disable VBus and VBatt power in addition to other features and settings.

- All-in-one use through Android power management app with seamless ATAK integration

- Independent port power and data management

- Security through only booting signed software – SHA256 checksum and ECC256 signature

- AES 256 encryption and FIPS 140-2/3 compliance

- API interface for specific software development and integration
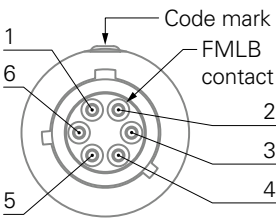
Hub specifications

NETT WARRIOR INTERFACES

Pin ID	Power ports (plugs)	PAN/EUD ports (receptacles)
1	Direct Battery Voltage (V_{BATT}: [10-20] V DC, 5 A max)	Direct Battery Voltage (V_{BATT}: [10-20] V DC, 5 A max)
2	Ground	Ground
3	5 V DC IN*	5 V DC OUT**
4	USB+ / SMBus Data	USB+
5	USB- / SMBus Clock	USB-
6	NC	CC line***

*Only on RADIO/BATT port
**EUD port: INPUT/OUTPUT
***EUD port only
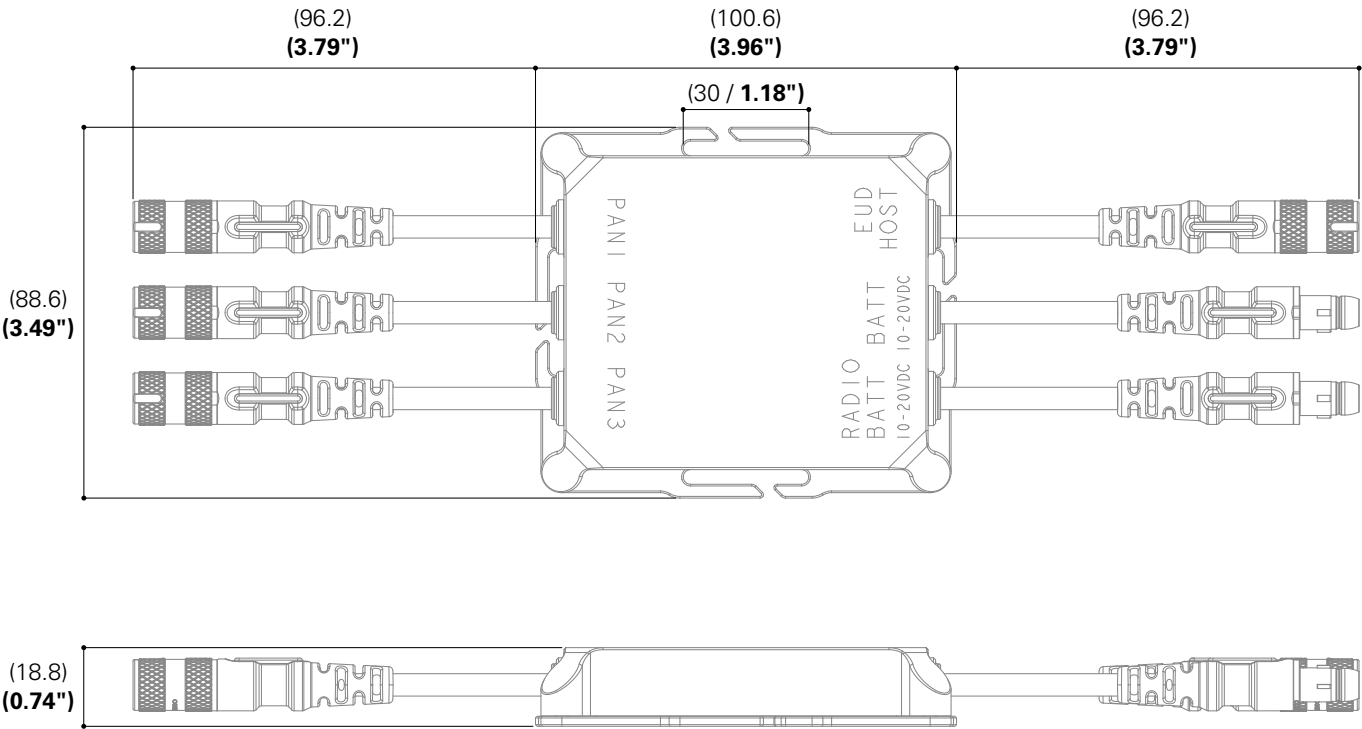
Connector front view

Pre-cabled plug
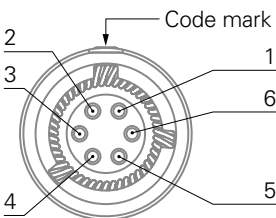
Pre-cabled receptacle

ELECTRICAL

EUD / HOST	USB power	EUD charge up to 1.5 A via integrated Power Delivery
	Output power	Unregulated 10-20 VBATT, up to 5 A
PAN 1/2/3	USB power	Regulated 5 V DC, up to 2 A per port
	Output power	Unregulated 10-20 VBATT, up to 5 A
HUB output power	USB	Up to 6 A 5 V DC across combined EUD / HOST and PAN 1/2/3 ports, 5 A system total
	VBATT	Up to 5 A 10-20 VBATT, across combined EUD / HOST and PAN 1/2/3 ports, 5 A system total
BATT, RADIO/BATT input power		10-20 VBATT, 5 A max
BATT SMBus		Versions 1.0/1.1 compatible
Communication protocol		USB 2.0
Fault mode protection		Over current, over voltage and back-power

DIMENSIONS

*in millimeters / **in inches***

ENVIRONMENTAL

Temperature	Storage: -40 °C to +55 °C	MIL-STD-810G, Procedure I of Method 501
	Operating: -32 °C to +49 °C	MIL-STD-810G, Procedure II of Method 501
Altitude	Storage: up to +12,192 m	MIL-STD-810G, Procedure I of Method 500
	Operating: up to +9,754 m	MIL-STD-810G, Procedure II of Method 500
	Rapid decompression: from 2,438 to 12,192 m	MIL-STD-810G, Procedure III of Method 500
Sealing	IP68 -2 m / 24 h	MIL-STD-810G, Procedure I of Method 512
Shock	40 G, 11 ms	MIL-STD-810G, Procedure I of Method 516
Vibration	7.7 Grms, 1 h per axis	MIL-STD-810G, Procedure I of Method 514.7
Weather conditions	Solar radiation	MIL-STD-810G, Method 505, Procedure I
	Salt atmosphere	MIL-STD-810G, Method 509, Procedure I
	Sand and dust	MIL-STD-810G, Method 510, Procedure I/II
	Rain and water	MIL-STD-810G, Method 506, Procedure I
	Fungus	MIL-STD-810G, Method 508
EMI / EMC	CE101, CE102, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103	MIL-STD-461G
Electrostatic Discharge ESD	CS118 Level IV	MIL-STD-461G
Compliance	CE, FCC, UKCA, RoHS and REACH standards	

MATERIAL AND MECHANICAL

Housing material	Aluminum
Finish	Standard color: TAN 499 – Optional color: Black
Weight	241 g (8.5 oz)
Mounting	MOLLE mount built in
Pull force – pigtail cables	>100 lbs. (>450 N)

SOFTWARE / FIRMWARE

Android power management application	▪ Battery power status ▪ PAN management: monitoring and control of power and data for each port
Android Team Awareness Kit (ATAK)	▪ Plug-in available for power management application in ATAK
Security	▪ Only booting signed software – verified using a SHA256 checksum and an ECC256 signature ▪ Software update files are encrypted using an AES 256 encryption
Certification	▪ FIPS 140-2/3 capable

OPTIONS AND ACCESSORIES

COLORS

TAN standard
Part number **141955**

BLACK optional
Part number **142535**

SOFT CAPS

Receptacle
Part number **137800**

Plug
Part number **139707**

Fischer UltiMate™ 80 connectors

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DESIGNED TO MEET NETT WARRIOR STANDARDS.

Designed to meet Nett Warrior standards and intermateable with other NATO STANAG 4695 and 4851 connectors, the Fischer UltiMate™ 80 connector has been engineered to offer ultra-rugged, lightweight and IP68-sealed connectivity solutions for any harsh environments, especially for **soldier modernization programs**. The connector comes in two layouts featuring 6 or 7 signal and power contacts with up to AWG 22.

Compatible with **NATO STANAG 4695, 4851** and **GOSSRA***, and designed to meet Nett Warrior standards, the Fischer UltiMate 80™ outperforms most competitor connectors on the defense market. With its combination of rugged features in terms of sealing, resistance to corrosion / vibration / extreme temperatures, cable bending resistance and key coding, the connector offers unparalleled functionality and robustness in comparison with similar harsh-environment quick-release connectors, which makes it the **ideal solution for use in the devices and equipment** worn by dismounted soldiers in the field.

* Generic Open Soldier System Reference Architecture (GOSSRA) financed by the European Union through the European Preparatory Action on Defence Research (PADR) program

- Rugged, reliable, lightweight, high current
- IP68 sealing mated and unmated, salt mist up to 500 hours
- Up to 10,000 mating cycles
- Compatible with other Nett Warrior connectors
- Up to AWG 22
- 6 or 7 contacts
- Up to 10 A

BODY STYLES & TECHNICAL DIMENSIONS *(in millimeters – images are for reference only)*
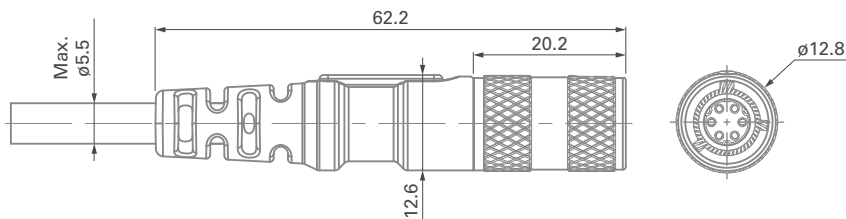
PRE-CABLED PLUG

Max. ø5.5 — 58 — 14.2 — ø12.4 — 12.6 — ø7.95
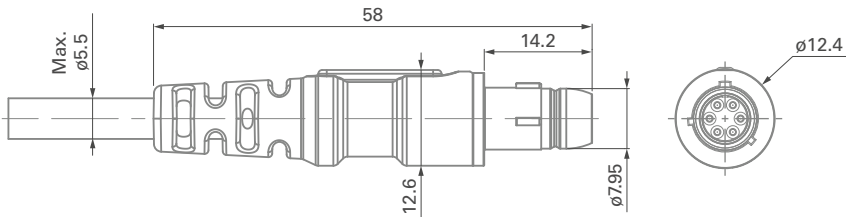
Available colors for cable and overmolding: ● ●

Note: Plug available pre-cabled with a standard cable length (1 meter), or with mounting kit for cabling. Contact us for customized solutions.

PRE-CABLED RECEPTACLE

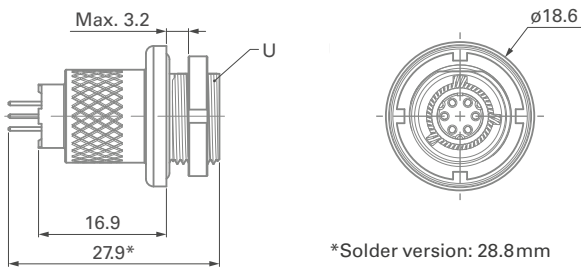Max. ø5.5 — 62.2 — 20.2 — ø12.8 — 12.6

Available colors for cable and overmolding: ● ●

Note: Receptacle available pre-cabled with a standard cable length (1 meter), or with mounting kit for cabling. Contact us for customized solutions.

PANEL RECEPTACLE

Max. 3.2 — U — ø18.6 — 16.9 — 27.9*

Available in both PCB and solder versions.

*Solder version: 28.8mm

CONTACT BLOCK CONFIGURATION

6 contacts

7 contacts

MATERIAL & SURFACE FINISH

1

2

3

3

2

4
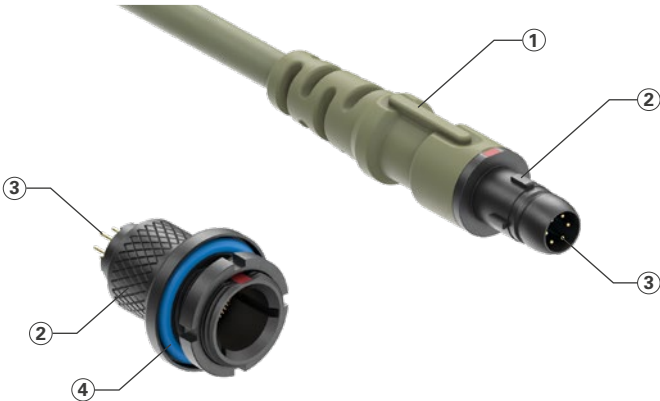
1 Overmolding – TPE
2 Housing – Aluminum black
3 Contacts – Brass/gold plated
4 O-ring – Fluorosilicone rubber

ACCESSORIES – TOOLING

Soft caps

Nut driver

COMPATIBILITY SHEET
Fischer UltiMate™ 80 connectors are intermateable with other Nett Warrior connectors.

6 CONTACTS

BODY STYLE	FISCHER CONNECTORS PART NUMBER	EQUIVALENT PART NUMBER	
Plug, pre-cabled	CA S 06 UP81Q08BBYA/OE PUR TN 1.0M	8070-1676-06ZNU6-6PY 804-001-06ZNU6-6PC 807-309-06ZNU6-6PY (alternative) 807-871-06ZNU6-6PY (alternative) 8070-1153-**ZNU6-6*Y (alternative) 804-002-06ZNU6-6PC (alternative)	2226910-1 2337319-1 (alternative) MKJ4A6Z6-6PC-*** MKJ4A6Z6-6EC-*** (alternative) MKJ4A6Z6-6PY-*** (alternative) 2M804-001-06ZNU6-6PC
Receptacle, pre-cabled	CA S 06 UR80Z08BBYA/OE PUR TN 1.0M	8070-1675-01ZNU6-6SY 804-003-01ZNU6-6SC 807-348-01ZNU6-6SY (alternative) 804-004-01ZNU6-6SC (alternative)	2226920-1 2339799-1 (alternative) MKJ4A1Z6-6SC-*** MKJ4A1Z6-6FC-*** (alternative) 2M804-003-01ZNU6-6SC
Receptacle, panel PCB	UR81W08 F006P BBY S2NA	807-216-07ZNU6-6DY 804-020-07ZNU6-6SC	2329308-1 2828420-1 (alternative) MKJ4C7Z6-6DC-*** 2M804-005-07ZNU6-6SC
Receptacle, panel solder	UR81W08 F006S BBY S2NA	804-020-07ZNU6-6FC	MKJ4C7Z6-6FC-*** 2M804-005-07ZNU6-6FC

7 CONTACTS

| BODY STYLE	FISCHER CONNECTORS PART NUMBER	EQUIVALENT PART NUMBER	
Plug, pre-cabled	CA S 07 UP81Q08BBYA/OE PUR TN 1.0M	804-001-06ZNU6-7PC	2-2226910-3 MKJ4A6Z6-7PC-*** 2M804-001-06ZNU6-7PC
Receptacle, pre-cabled	CA S 07 UR80Z08BBYA/OE PUR TN 1.0M	804-003-01ZNU6-7SC	2-2226920-3 MKJ4A1Z6-7SC-*** 2M804-003-01ZNU6-7SC
Receptacle, panel PCB	UR81W08 F007P BBY S2NA	804-020-07ZNU6-7SC	1-2329308-2 2828420-2 (alternative) MKJ4C7Z6-7DC-*** 2M804-005-07ZNU6-7SC
Receptacle, panel solder	UR81W08 F007S BBY S2NA	804-020-07ZNU6-7FC	MKJ4C7Z6-7FC-*** 2M804-005-07ZNU6-7FC

Note: Cabled receptacle and plug only available pre-cabled with a standard cable length (1 m). Contact us for customized solutions.

ENHANCED CONTACT ALLOY

The introduction of a new contact material enhances conductivity by 50% for high-current applications, while ensuring and maintaining outstanding performance over time.
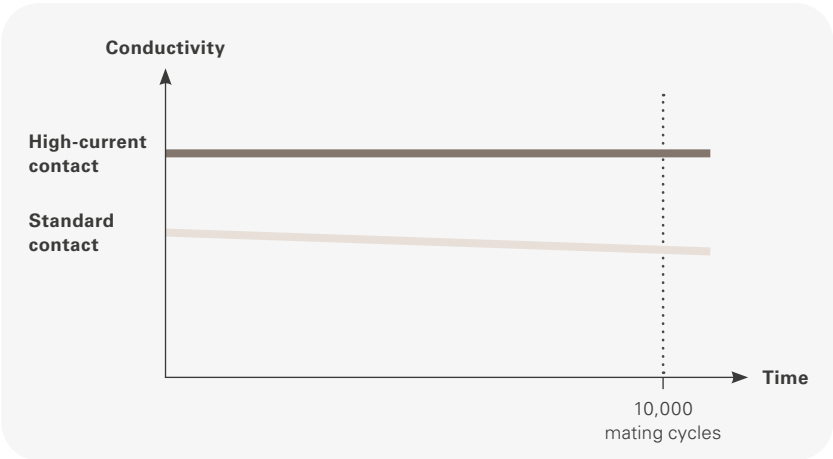
ENHANCED CONTACT ALLOY
=
HIGHER CONDUCTIVITY
=
LOWER HEAT RISE
=
OPTIMAL PERFORMANCE

Standard cable assemblies and connectors

OVERVIEW

THE FISCHER KEYSTONE™ SOLUTION OFFERS VARIOUS CABLE ASSEMBLIES THAT CAN BE CUSTOMIZED UPON REQUEST.

1. Nett Warrior plug-to-receptacle cable

DESIGNATION EXAMPLE: **CA D 06 UP81Q08BBY/UR80 PUR TN 0.3m**

- Extension cable

- Designed to meet NATO STANAG 4695 and 4851 standards

- Shielded cable with 3x AWG 22 wires

- Environmental performances: -50 °C to +90 °C │ 1,000 hours salt spray │ IP68 -2m/24h mated and unmated

- 10,000 mating cycles

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	0.3 m	0.5 m	0.75 m
TAN 499	139292	142618	142619
Other options available on request			

STANDARD REFERENCE	0.3 m	0.5 m	0.75 m
BLACK	142049	142620	142621
Other options available on request			

2. Nett Warrior receptacle-to-receptacle cable

DESIGNATION EXAMPLE: CA D 06 UR80Z08BBYA/UR80 PUR TN 0.3m

- Gender cable adapter

- Designed to meet NATO STANAG 4695 and 4851 standards

- Shielded cable with 3x AWG 22 wires

- Environmental performances: -50 °C to +90 °C │ 1,000 hours salt spray │ IP68 -2m/24h mated and unmated

- 10,000 mating cycles

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	0.3 m	0.5 m	0.75 m
TAN 499	142151	142622	142623
Other options available on request			

STANDARD REFERENCE	0.3 m	0.5 m	0.75 m
BLACK	142154	142624	142625
Other options available on request			

3. Nett Warrior plug-to-plug cable

DESIGNATION EXAMPLE: CA D 06 UP81Q08BBYA/UP81 PUR TN 0.3m

- Gender cable adapter

- Designed to meet NATO STANAG 4695 and 4851 standards

- Shielded cable with 3x AWG 22 wires

- Environmental performances: -50 °C to +90 °C │ 1,000 hours salt spray │ IP68 -2m/24h mated and unmated

- 10,000 mating cycles

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	0.3 m	0.5 m	0.75
TAN 499	142157	142626	142627
Other options available on request			

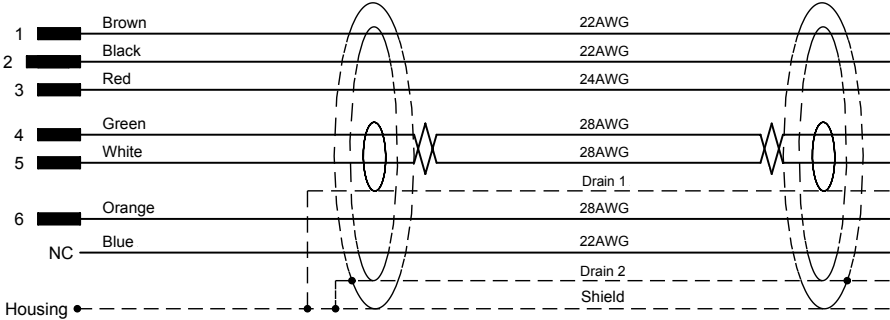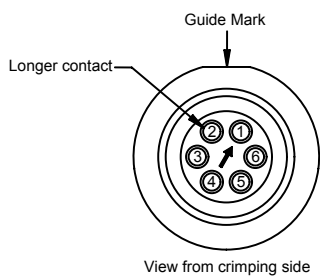| STANDARD REFERENCE	0.3 m	0.5 m	0.75 m
BLACK	142158	142628	142629
Other options available on request			

4. Nett Warrior pre-cabled plug

DESIGNATION EXAMPLE: CA S 06 UP81Q08BBYA/OE PUR TN 1.0M

- Open-end cable for prototyping

- Designed to meet NATO STANAG 4695 and 4851 standards

- Shielded cable with 3x AWG 22 wires

- Environmental performances: -50 °C to +90 °C | 1,000 hours salt spray | IP68 -2m/24h mated and unmated

- 10,000 mating cycles

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	-	-	1.0 m
TAN 499	-	-	140599
BLACK	-	-	140608
Other options available on request			

Guide Mark
Longer contact
View from crimping side

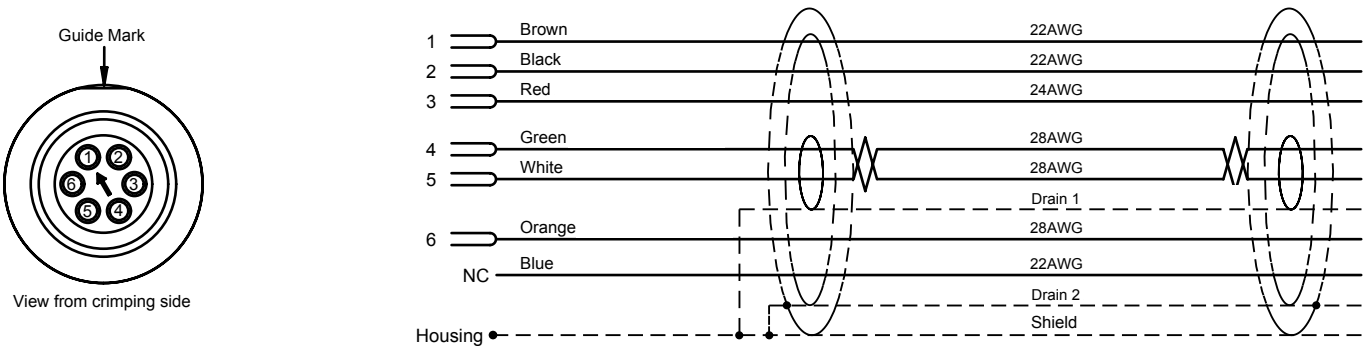| 1 | Brown | 22AWG |
2	Black	22AWG
3	Red	24AWG
4	Green	28AWG
5	White	28AWG
		Drain 1
6	Orange	28AWG
NC	Blue	22AWG
		Drain 2
Housing		Shield

5. Nett Warrior pre-cabled receptacle

DESIGNATION EXAMPLE: CA S 06 UR80Z08BBYA/OE PUR TN 1.0M

- Open-end cable for prototyping

- Designed to meet NATO STANAG 4695 and 4851 standards

- Shielded cable with 3x AWG 22 wires

- Environmental performances: -50 °C to +90 °C │ 1,000 hours salt spray │ IP68 -2m/24h mated and unmated

- 10,000 mating cycles

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	-	-	**1.0 m**
TAN 499	-	-	140601
BLACK	-	-	140610
Other options available on request			

Guide Mark

View from crimping side

Pin	Color	AWG
1	Brown	22AWG
2	Black	22AWG
3	Red	24AWG
4	Green	28AWG
5	White	28AWG
		Drain 1
6	Orange	28AWG
NC	Blue	22AWG
		Drain 2
Housing		Shield

6. Nett Warrior plug-to-USB-C for EUDs

DESIGNATION EXAMPLE: CA D 5xLV UP81QBBYA/USB2CR PVC BK 0.3m

- Fischer KEYSTONE™ to USB-C EUDs interface cable

- Designed to meet NATO STANAG 4695 and 4851 standards

- Compatible with the KÄGWERKS GALAXY S20 OPERATORS KIT

- Working temperature: -20°C to +80 °C

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PVC outer sheath

STANDARD REFERENCE	0.3 m	-	-
BLACK	141421	-	-
Other options available on request			

7. Nett Warrior plug-to-USB 2.0 type A plug

DESIGNATION EXAMPLE: CA D 5xLV UP81QBBYA/USB2CR PVC BK 0.3m

- Fischer KEYSTONE™ to USB 2.0 EUDs interface cable

- Designed to meet NATO STANAG 4695 and 4851 standards

- USB 2.0 type A plug interface for PAN

- Working temperature: -20°C to +80 °C

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	0.3 m	-	-
BLACK	139297	-	-
Other options available on request			

8. Nett Warrior plug-to-USB 2.0 type A receptacle

DESIGNATION EXAMPLE: CA D 4XLV UP81Q08BBYA/USB2 F PUR BK 0.3M

- Fischer KEYSTONE™ to USB 2.0 EUDs interface cable

- Designed to meet NATO STANAG 4695 and 4851 standards

- USB2.0 type A receptacle interface for PAN

- Working temperature: -20°C to +80 °C

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	0.3 m	-	-
BLACK	139298	-	-
Other options available on request			

9. Nett Warrior plug to RJ45 receptacle

DESIGNATION EXAMPLE: CA B 5XLV UP81/PCB/RJ45 PUR BK 0.55M

- Converter cable USB 2.0 to Ethernet CAT5e

- Designed to meet NATO STANAG 4695 and 4851 standards

- Working temperature: -20°C to +80 °C

- Recommended bending radius: 27 mm static / 54 mm dynamic

- PUR outer sheath, halogen free, flame-retardant

STANDARD REFERENCE	-	0.55 m	-
BLACK	-	141428	-
Other options available on request			

10. Nett Warrior plug to Juggernaut IMPCT cable for Galaxy S20 (JG.IC.GLXY.S20)

DESIGNATION: CA D 5xLV UP81Q08BBYA/JC2.0 TPE BK 0.4M

- Fischer KEYSTONE™ to Juggernaut USB-C adapter

- Compatible with USB-C power delivery mode built into Fischer KEYSTONE™ 6

- USB 2.0 type A receptacle interface for PAN

- EMI/RFI shielded

- Closed cell foam seal for IP67 sealing between case and connector assembly

- TPE jacket

- Overmolded strain relief

STANDARD REFERENCE	-	0.42 m	-
BLACK	-	142845	-
Other options available on request			

Locations
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