

Ideal for low-channel count ATD integrations, the SLICE6 Single Chain Adapter+ (S6SCA+) is a small-package device that allows for direct interface between a TDAS PLUS Mini Distributor and a SLICE6 DAS chain as well as short-term, back-up power capability.



### Features

- Single-cable interface between TDAS PLUS Mini Distributor and SLICE6 DAS chain.
- Supports power, communication, control and status signals for up to 10 SLICE6 DAS in a single chain (60 channels).
- Provides 2 seconds of back-up power.
- LED indicators for system power and status.
- No software required.






## Power Requirements

External voltage is provided through the SYSTEM connector. The device also includes an internal super-capacitor that provides short-term back-up power to the DAS in the event of system power loss. Specifications are:




- Charging voltage: 12.5 V-16.9 V range
- Charging time: 190 seconds from full discharge
- Output voltage: 10.4 V-10.8 V
- Back-up supply duration: 2 seconds ( $\leq 25$  W load)

## LED Functionality

LED behavior is summarized below.

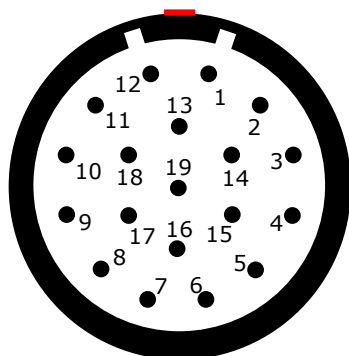
 <b>POWER</b>	
	External power OK; super-capacitor fully charged
	External power OK; super-capacitor charging
	External power absent; super-capacitor discharging
	External power absent; super-capacitor fully discharged

 <b>STATUS</b>	
	Back-up voltage level >10 V
	Back-up voltage level <10 V

## Connector Information

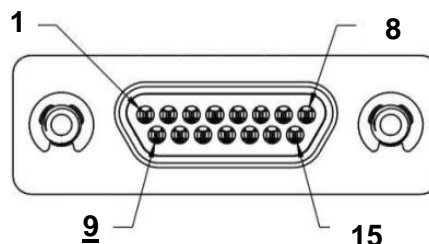
**19-pin SYSTEM connector**  
(FGA.2B.319.CLADxx)



(front view)

Pin	Function
1	/ON (short to ground = on)
2	No connection
3	Shield (ground)
4	+ Start record
5	Start record common
6	No connection
7	+ Status input
8	+ Power output
9	+ Power output
10	ARM Status
11	Ethernet Rx-
12	Ethernet Rx+
13	Ethernet Tx-
14	Ethernet Tx+
15	+ Event (contact closure to pin 19)
16	- Power return
17	- Power return
18	- Power return
19	- Event (contact closure to pin 15)

**15-pin SLICE6 connector**  
(Micro-D 15-pin plug)



(front view)

Pin	Function
1	+ Power output
2	- Power return
3	/ON (short to ground = on)
4	Event
5	- Power return
6	No connection
7	Ethernet Tx+
8	Ethernet Tx-
9	+ Power output
10	- Power return
11	+ Start record
12	Status Signal
13	No connection
14	Ethernet Rx+
15	Ethernet Rx-

## CAD Drawings and Mounting Guidance

CAD drawings and mounting guidance are available to registered users on the [Help Center](#).