

## 25Gb/S SFP28 Direct Attach Cable

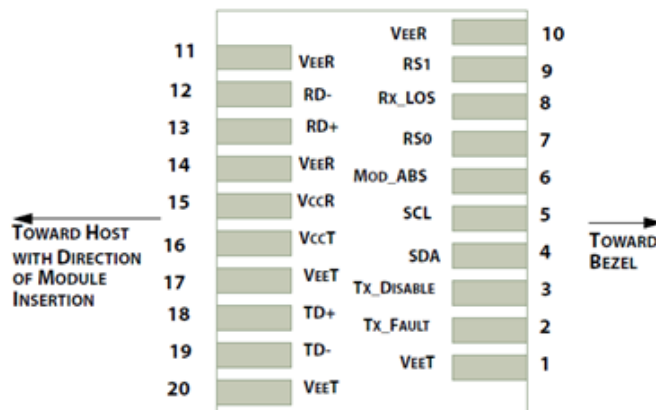
P/N: WST-S28-DACPx-x

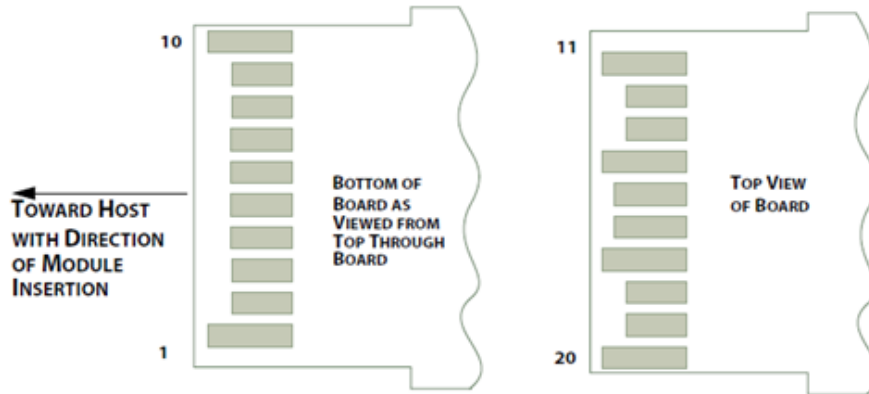


### Features:

- Compliant with SFF-8431
- Compliant with SFP28 MSA
- Low Power Consumption
- Lower cost solution as compared to fiber transmissions
- Lowest total system EMI solution
- Optimized design for signal integrity
- Supports Serial ID Functionality through EEPROM (SFF-8472)
- RoHS-6 Compliant
- eCPRI Specification V2.0

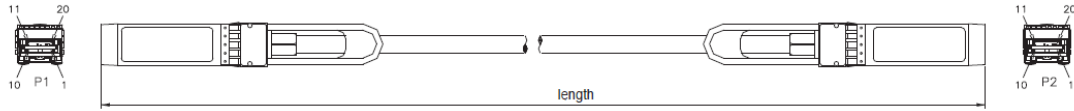
### SFP28 Module Pad Assignments and Descriptions





PIN	Logic	Symbol	Name / Description	Note
1		VeeT	Module Transmitter Ground	
2	LVTTL-O	TX_Fault	N/A	
3	LVTTL-I	TX_Dis	Transmitter Disable	
4	LVTTL-I/O	SDA	2-Wire Serial Interface Data Line	
5	LVTTL-I	SCL	2-Wire Serial Interface Clock	
6		MOD_DEF0	Module present, connect to VeeT	
7	LVTTL-I	RS0	N/A	
8	LVTTL-O	RX_LOS	LOS of Signal	
9	LVTTL-I	RS1	N/A	
10		VeeR	Module Receiver Ground	
11		VeeR	Module Receiver Ground	
12	CML-O	RD-	Receiver Inverted Data Output	
13	CML-O	RD+	Receiver Data Output	
14		VeeR	Module Receiver Ground	
15		VccR	Module Receiver 3.3 V Supply	
16		VccT	Module Transmitter 3.3 V Supply	
17		VeeT	Module Transmitter Ground	
18	CML-I	TD+	Transmitter Non-Inverted Data Input	
19	CML-I	TD-	Transmitter Inverted Data Input	
20		VeeT	Module Transmitter Ground	

### Mechanical Design



Unit: mm

### Ordering Information

Part No	Specification					
	Package	Data rate	Gauge	Cable Length*	Temp.	Application
WST-S28-DACP0-1	SFP28 to SFP28	25Gb/s	30 AWG	1m	0~70°C	25G Ethernet
WST-S28-DACP0-2	SFP28 to SFP28	25Gb/s	30 AWG	2m	0~70°C	25G Ethernet
WST-S28-DACP0-3	SFP28 to SFP28	25Gb/s	30 AWG	3m	0~70°C	25G Ethernet
WST-S28-DACP6-5	SFP28 to SFP28	25Gb/s	26 AWG	5m	0~70°C	25G Ethernet

\*Please contact our sales for customized

**Modification History**

Revision	Date	Description	Originator	Review	Approved
V1.0	16-Jul-2019	New Issue	Ivy Chen	Tom Tang	Tom Tang
V1.1	10-Dec-2019	Order Information updated	Ivy Chen	Tom Tang	Tom Tang
V1.2	26-Mar-2020	Update Feature	Ivy Chen	Tom Tang	Tom Tang



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