



TANNER, INC. — WIRE & CABLE SPECIALISTS
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WATERPROOF USB

USB 2.0 / USB 3.0 Waterproof Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-USB-001	SERIES Waterproof USB	STANDARD USB 2.0 / USB 3.0 · E13/E16 body	REV A	DATE 2026-09-05
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GENERAL SPECIFICATIONS

Housing Material	Thermoplastic PA66, UL94-V0
Contact Material	Brass, phosphorus copper gold-plated
External Material	PVC
Waterproof Grade	IP67
Wired Temp.	-25°C to +85°C
Rated Voltage	30V
Rated Current	1.5A
Insulation Resistance	≥20 MΩ
Durability	≥500 mating cycles

PIN CONFIGURATIONS

USB 2.0

USB 3.0

Pin counts available: USB 2.0 (4-pin) · USB 3.0 (9-pin)
Coupling: E13 (13/16"-28UNS) or E16 (1"-20UNEF) threaded shell

ELECTRICAL PARAMETERS

Type	Rated Voltage	Rated Current	Notes
USB 2.0	30V	1.5A	Male-male, female-female, PCB receptacle
USB 3.0	30V	1.5A	SuperSpeed pinout, shielded overmold

ORDERING CODE REFERENCE

TW-USB20-F-PCB

Tanner, Inc. internal reference number. Contact sales@tannerwire.com for cross-manufacturer equivalents.

TYPICAL APPLICATIONS

Mechanical equipment, outdoor kiosks, LED lighting controllers, IoT gateways requiring sealed USB data ports.