



TANNER, INC. — WIRE & CABLE SPECIALISTS
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WATERPROOF MICRO-USB

Micro-USB Waterproof Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-MUSB-001	SERIES Waterproof Micro-USB	STANDARD Micro-USB · E10 body	REV A	DATE 2026-09-05
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GENERAL SPECIFICATIONS

Housing Material	Thermoplastic PA66, UL94-V0
Contact Material	Brass
Waterproof Grade	IP67
Operating Temp.	-40°C to +105°C
Rated Voltage	30V
Rated Current	1.5A
Insulation Resistance	2000 MΩ
Coupling	Thread (T) or Bayonet (B)
Durability	2,000 – 10,000 mating cycles

PIN CONFIGURATIONS

Micro-USB B

Pin counts available: 5-pin Micro-USB B

Coupling: E10 body, 5/8"-27UNS thread or bayonet lock

ELECTRICAL PARAMETERS

Type	Rated Voltage	Rated Current	Notes
Micro-USB B	30V	1.5A	Male-male, female-female, PCB and wired receptacles

ORDERING CODE REFERENCE

TW-MUSB-F-PCB

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

TYPICAL APPLICATIONS

Portable and handheld device charging/data ports, outdoor equipment, legacy mobile device interfaces.