



TANNER, INC. — WIRE & CABLE SPECIALISTS
1260 Moore Road, Suite I · Avon, OH 44011
(440) 808-8841 · sales@tannerwire.com · tannerwire.com

WATERPROOF OPTICAL FIBER

FDDI Single/Dual-Core Circular Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-FDDI-001	SERIES Waterproof Optical Fiber	STANDARD FDDI (ODVA-style) optical connector	REV A	DATE 2026-09-05
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GENERAL SPECIFICATIONS

Fiber Type	Single-mode single-core (F1) / dual-core (F2)
Housing Material	Thermoplastic PA66, UL94-V0
Waterproof Grade	IP67
Operating Temp.	-25°C to +85°C
Data Rate	Up to 100 Mbit/s
Coupling	Thread (E13/E16 body) or bayonet
Durability	≥500 mating cycles

PIN CONFIGURATIONS

Single-Core

Dual-Core

Pin counts available: F1 single-core · F2 dual-core
Coupling: 13/16"-28UNS (E13) or 1"-20UNEF (E16) threaded shell

ELECTRICAL PARAMETERS

Type	Data Rate	Cores	Notes
F1	100 Mbit/s	1	Single-mode single-core
F2	100 Mbit/s	2	Single-mode dual-core

ORDERING CODE REFERENCE

TW-FIBER-1C-F

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

TYPICAL APPLICATIONS

LED video walls, outdoor lighting control networks, audio-visual and medical equipment fiber links.