

# Concord Tail Swivel

## Streamer Tail Swivel Device

### Features

- Provides power and communication between streamer and tail-buoy via internal slip ring
- Prevents rotational stress and damage from streamer rotational coiling
- Rugged design provides superior in-water reliability
- Custom high power models available on request



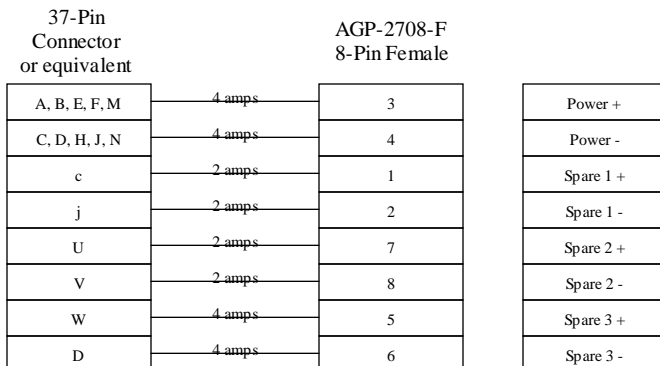
Tail Swivel Device

### GENERAL SPECIFICATIONS

Number of Internal Ring Circuits	24	maximum
Maximum Current	2	Amperes per circuit
Maximum Rated Voltage:	210	VDC (Note 1)
	240	VAC
Nominal Circuit Resistance (single circuit):	200	milli ohms (Note 2)
Electrical Noise (at 5 RPM, 6 VDC, 50 mamps current):	100	milli ohms max
Insulation Resistance (at 500 VDC):	1000	mega ohms (Note 3)
Dielectric Strength	500	VAC @ 60 Hz (Note 4)
Slip Ring Contact Material:	Gold	
Static Operating Load:	7000	pounds
Dynamic Operating Load:	4250	pounds
Recommended Maximum Operating Depth:	400	meters seawater
Seal Design Pressure Rating:	1000	PSIG (685 meters seawater)
Case Material:	6AL4V Titanium	
Operating Temperature Range:	-5° to 60°	Celsius
Storage Temperature Range:	-40° to 80°	Celsius

### Notes:

1. Circuits are suitable for low milli volt signals.
2. For paralleled circuits, divide 200 milli ohms by number of circuits.
3. Case is electrically isolated from any circuit
4. Between each circuit and all other circuits.



Example: Slip Ring Wiring

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