

# ARINC 801 Termini

## Genderless, Keyed Termini Features/How to Order



### ARINC 801 Termini

Designed for use in ARINC 801 Fiber Optic Connectors

### Ordering Information for ARINC 801 Termini for ARINC 801 Connectors

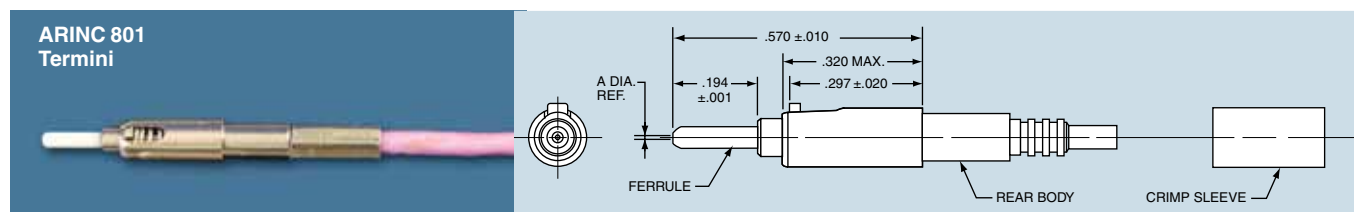
Amphenol ARINC 801 Termini Part Number	A Dia. Ref	Ferrule Hole Tolerance
CF-198148-126	126	+1, -0
CF-198148-128	128	+2, -0

### Amphenol® ARINC 801 Termini Features:

- Designed for use in Amphenol ARINC 801 fiber optic connectors - manufactured to comply with ARINC 801.
- Genderless terminus allows for use on both sides of a connector
- Alignment sleeves are contained in a separate carrier which is removable for easier end-face cleaning
- Precision ceramic ferrules and sleeves ensure accurate fiber-to-fiber alignment
- Keyed to provide anti-rotation
- Available with both PC and APC end-face finishes
- Terminus body is crimped to the cable providing a "Pull-Proof" advantage

Amphenol ARINC fiber optic connectors are supplied less contacts. Order ARINC 801 termini by Amphenol part number designation as shown in the chart at right. Consult Amphenol, Sidney, NY for further availability.

See page 204 for information on ARINC 801 termini in circular 38999 connectors.



All dimensions for reference only.

### OPTICAL / MECHANICAL / ENVIRONMENTAL

Parameter	Performance
Insertion Loss (850 nm)	0.30 dB max., 0.15 dB typical (multi-mode)
Return Loss (850 nm)	-20 dB max., -40 dB typical (multi-mode)
Thermal Cycling	EIA 364-032D, Test condition VII (-55C to +100C; 5 cycles)
Altitude Immersion	TIA/EIA-455-15
Temperature Life	TIA/EIA-455-4 (100C for 1000 hours)
Vibration	TIA/EIA-455-11 (condition VI-G, eight hrs. per axis)
Mechanical Shock	TIA/EIA-455-14, Condition D
Humidity	TIA/EIA-455-5
Salt Spray	EIA-364-026B, Condition C (500 hours)
Fluid Immersion	Standard Aerospace Fluids

### TERMINI COMPONENTS / MATERIALS

Component	Material
Outer body	Stainless Steel
Spring	Stainless Steel, passivated
Ferrule	Zirconia Ceramic

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