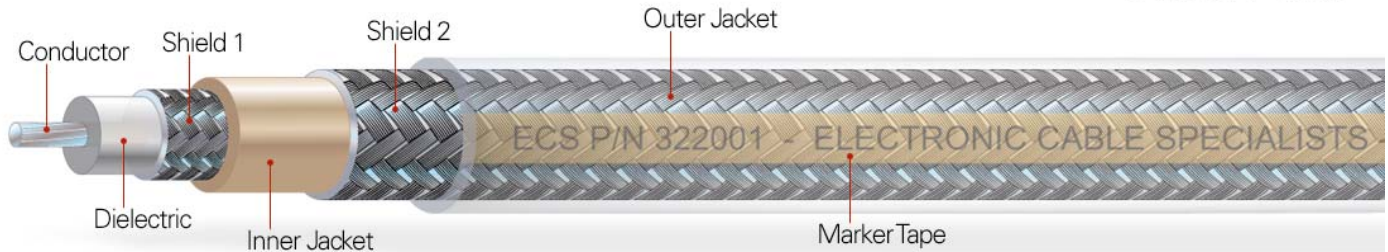




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Triaxial Cable

P/N 322001



Conductor: 20 AWG stranded silver plated copper
Dielectric: High temperature flouropolymer
Shield 1: 36 AWG silver plated copper braid
Inner Jacket: Tan high temperature flouropolymer
Shield 2: 36 AWG silver plated copper braid
Outer Jacket: Clear high temperature flouropolymer

Physical Characteristics

Outer Diameter: 0.236 in. nominal
Bend Radius: 1.2 in. nominal
Weight: 5.7 lbs/100 ft nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 50.0 Ohms nominal
Capacitance: 29.5 pF/ft nominal
DC Resistance: 8.7 Ohms/1000 ft nominal.
Time Delay: 1.46 ns/ft nominal
Attenuation: 100 MHz 4.00 dB/100 ft; (nominal)
 400 MHz 8.60 dB/100 ft;
 1000 MHz 14.0 dB/100 ft

Environmental:

- ECS avionics cables are designed to meet, or exceed, burn requirements as set forth in Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amdt 25-113, Appendix F Part I(a)(3).
- They are manufactured with materials which, when subjected to flames or high temperatures, will not outgas deadly hydrogen chloride produced by conventional PVC cables.

Connector Types for Cable 322001

| Connector Type | Connector P/N | Connector Type | Connector P/N | Connector Type | Connector P/N |
|----------------------|---------------|----------------|---------------|--------------------|---------------|
| Triaxial Panel Mount | 34-30-2 | TRB 3 Stud | 3/9/95 | TRB 3 Lug Bulkhead | BJ79-7 |
| TRB 2 Stud Bulkhead | BJ79TL-7 | | EBS3021 | | BJ9C-306 |
| TRB 2 Lug 90° | GBR3021 | | PL75-7 | | BYS3021 |
| TRB 2 Lug Straight | GBS3021 | | PL75C-306 | | |
| TRB 3 Lug Straight | GYS30201 | | | | |

Cage Code: 66197 • **Issue Date:** 9/21/09

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