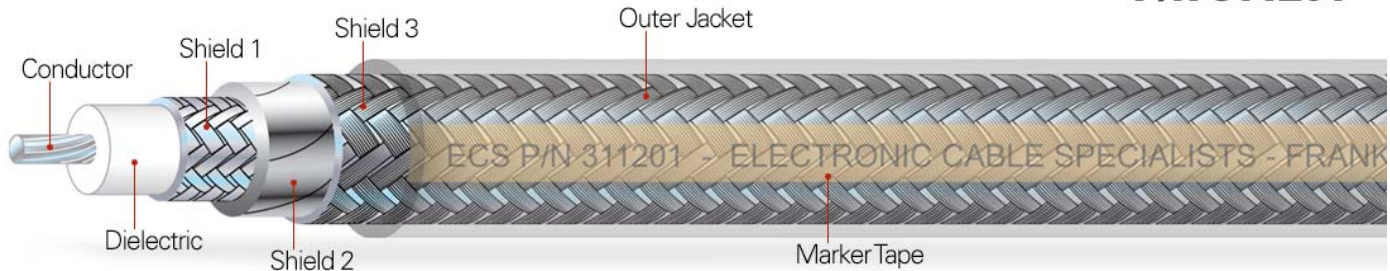




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Coaxial Cable

P/N 311201



Conductor: 12 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Flat silver plated copper braid
Shield 2: Aluminum foil
Shield 3: 36 AWG silver-plated copper braid
Jacket: Clear high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.317 in. nominal
Bend Radius: 1.59 in. nominal
Weight: 8.6 lbs/100 ft nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 50.0 Ohms nominal
Capacitance: 25.5 pF/ft nominal
DC Resistance: 1.69 Ohms/1000 ft nominal
Time Delay: 1.25 ns/ft nominal
Attenuation: 1 GHz 5.50 dB/100 ft; (nominal)
 2 GHz 7.80 dB/100 ft;
 3 GHz 9.40 dB/100 ft;
 5 GHz 12.70 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 311201

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR122	BNC 90°	CBR122	ARINC 404 Size 1	LM122
TNC 90° Extended	N/A	BNC 90° Extended	N/A	ARINC 600 Size 1	L1122
TNC 90° Long	N/A	BNC 90° Long	N/A	ARINC 600 Size 1RF	M1122
TNC Straight	CTS122	BNC Straight	CBS122	ARINC 600 Size 5	N/A
TNC Panel Mount	N/A	BNC Bulkhead	N/A	SMA 90°	CSR122
TNC Bulkhead	BTS122	N 90°	CNR122	SMA Straight	CSS122
C 90°	CCR122	N Straight	CNS122	HN 90°	CHR122
C Straight	CCS122	N Bulkhead	BN3122		

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

5300 W. Franklin Drive
 Franklin, Wisconsin 53132 USA

414.421.5300 • 800.327.9473
 sales@ecsdirect.com • www.ecsdirect.com

