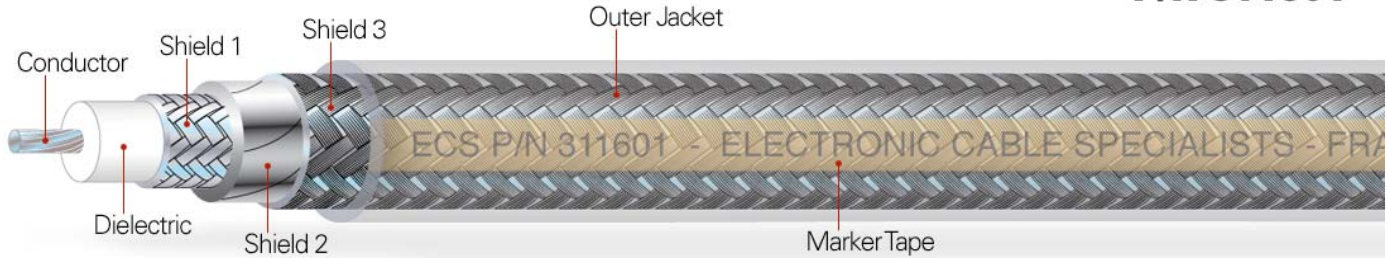




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Coaxial Cable

P/N 311601



Conductor: 16 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Silver plated copper flat braid
Shield 2: Aluminum foil
Shield 3: 38 AWG silver plated copper braid
Jacket: Clear high temperature fluoropolymer

Physical Characteristics

Outer Diameter: 0.229 in. nominal
Bend Radius: 1.15 in. nominal
Weight: 5.0 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: 4.1 Ohms/1000 ft nominal
Time Delay: 1.25 ns/ft nominal
Attenuation: 1 GHz 8.60 dB/100 ft; (nominal)
 2 GHz 12.20 dB/100 ft;
 3 GHz 15.50 dB/100 ft;
 5 GHz 20.30 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 311601

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR922	BNC 90°	CBR922	ARINC 404 Size 1	LM922
TNC 90° Extended	CTRE922	BNC 90° Extended	CBRE922	ARINC 600 Size 1	L9122
TNC 90° Long	CTRL922	BNC 90° Long	CBRL922	ARINC 600 Size 1RF	M9122
TNC Straight	CTS922	BNC Straight	CBS922	ARINC 600 Size 5	P922
TNC Panel Mount	RTS922	BNC Bulkhead	N/A	SMA 90°	CSR922
TNC Bulkhead	BTS922	N 90°	CNR922	SMA Straight	CSS922
C 90°	CCR922	N Straight	CNS922	HN 90°	CHR922
C Straight	CCS922	N Bulkhead	BNS922	ARINC 600 Size 8	CAS982

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

