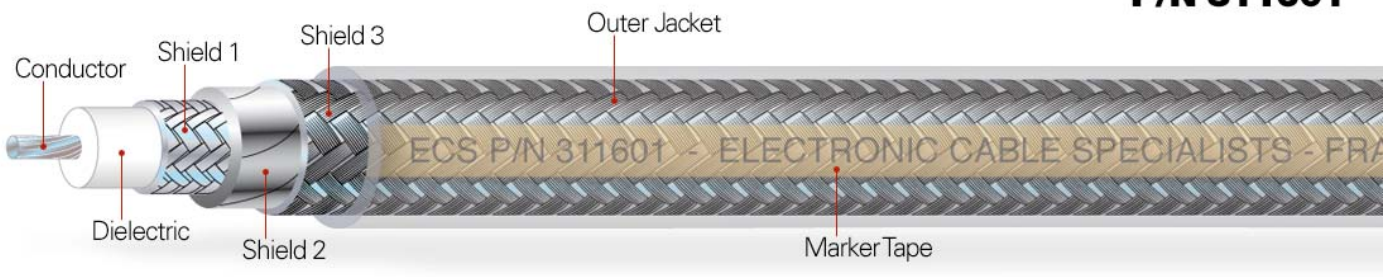
Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Coaxial Cable

P/N 311601



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

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: (nominal) 1 GHz 8.60 dB/100 ft; 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
TNC 90°	CTR922
TNC 90° Extended	CTRE922
TNC 90° Long	CTRL922
TNC Straight	CTS922
TNC Panel Mount	RTS922
TNC Bulkhead	BTS922
C 90°	CCR922
C Straight	CCS922

Connector Type	Connector P/N
BNC 90°	CBR922
BNC 90° Extended	CBRE922
BNC 90° Long	CBRL922
BNC Straight	CBS922
BNC Bulkhead	N/A
N 90°	CNR922
N Straight	CNS922
N Bulkhead	BNS922

Connector Type	Connector P/N
ARINC 404 Size 1	LM922
ARINC 600 Size 1	L9122
ARINC 600 Size 1RF	M9122
ARINC 600 Size 5	P922
SMA 90°	CSR922
SMA Straight	CSS922
HN 90°	CHR922
ARINC 600 Size 8	CAS982

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

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