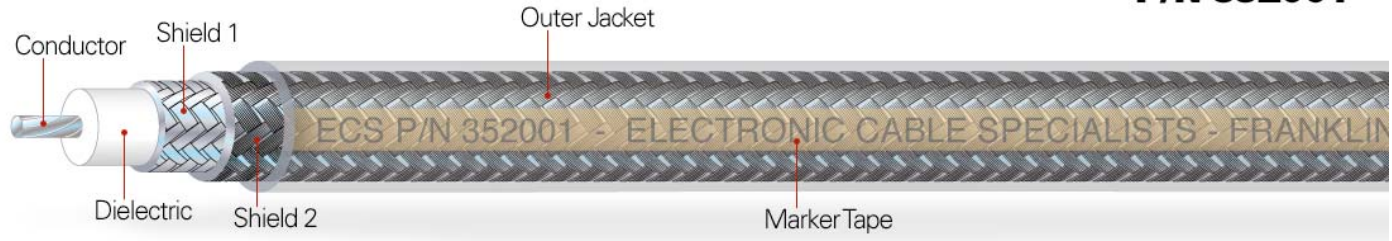




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

# 50 Ohm Coaxial Cable

**P/N 352001**



**Conductor:** 20 AWG stranded silver plated copper  
**Dielectric:** High temperature fluoropolymer  
**Shield 1:** Silver plated copper braid  
**Shield 2:** 38 AWG silver plated copper braid  
**Jacket:** Clear high temperature fluoropolymer (laser markable)

### Physical Characteristics

**Outer Diameter:** 0.162 in. nominal  
**Bend Radius:** 0.81 in. nominal  
**Weight:** 2.7 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:** 8.5 Ohms/1000 ft nominal  
**Time Delay:** 1.25 ns/ft nominal  
**Attenuation:** 1 GHz 11.7 dB/100 ft; (nominal)  
 2 GHz 16.3 dB/100 ft;  
 3 GHz 20.0 dB/100 ft;  
 5 GHz 26.1 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 352001

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR3522	BNC 90°	CBR3522	ARINC 404 Size 1	LM3522
TNC 90° Extended	CTRE3522	BNC 90° Extended	CBRE3522	ARINC 600 Size 1	L35122
TNC 90° Long	CTRL3522	BNC 90° Long	CBRL3522	ARINC 600 Size 1RF	M35122
TNC Straight	CTS3522	BNC Straight	CBS3522	ARINC 600 Size 5	P3522
TNC Panel Mount	N/A	BNC Bulkhead	BBS3522	SMA 90°	CSR3522
TNC Bulkhead	BTS3522	N 90°	CNR3522	SMA Straight	CSS3522
C 90°	CCR3522	N Straight	CNS3522	HN 90°	CHR3522
C Straight	CCS3522	N Bulkhead	BNS3522		

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

