

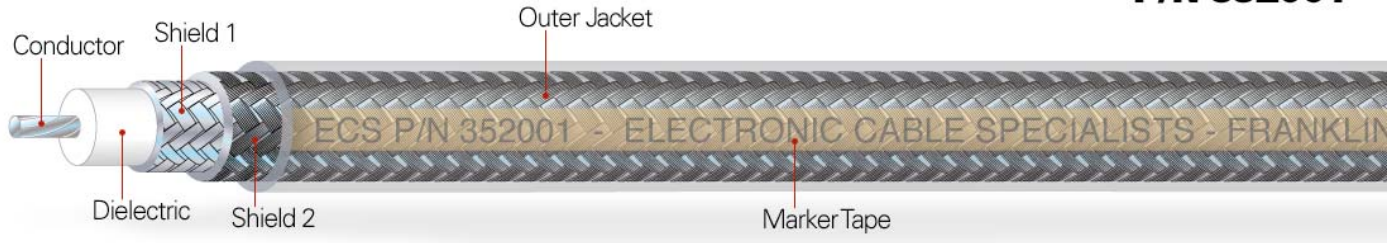


"Providing complete avionics installation provisions and support for the Aerospace industry since 1984."



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:** 5/1/07

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