



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

50 Ohm Coaxial Cable

P/N 532101



Conductor: 22 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Aluminum tape
Shield 2: Silver plated copper braid
Jacket: White high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.130 in. nominal
Bend Radius: 0.65 in. nominal
Weight: 1.55 lbs/100 ft nominal
Temperature Range: -55° to +200° C
Skydrol Resistant: Yes

Electrical Characteristics

Impedance: 50.0 Ohms nominal
Capacitance: 27.0 pF/ft nominal
DC Resistance: 14.80 Ohms/1000 ft nominal
Time Delay: 1.34 ns/ft nominal
Attenuation: 10 MHz 2.0 dB/100 ft; (nominal)
 400 MHz 10.0 dB/100 ft;
 1.0 GHz 17.0 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 532101

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR522	BNC 90°	CBR522	ARINC 404 Size 1	LM522
TNC 90° Extended	N/A	BNC 90° Extended	N/A	ARINC 600 Size 1	L5122
TNC 90° Long	N/A	BNC 90° Long	N/A	ARINC 600 Size 1RF	M5122
TNC Straight	CTS522	BNC Straight	CBS522	ARINC 600 Size 5	P522
TNC Panel Mount	RTS522	BNC Bulkhead	BBS522	SMA 90°	CSR522
TNC Bulkhead	BTS522	N 90°	CNR522	SMA Straight	CSS522
C 90°	CCR522	N Straight	CNS522	HN 90°	N/A
C Straight	CCS522	N Bulkhead	BNS522		

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5300 W. Franklin Drive
 Franklin, Wisconsin 53132 USA

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

