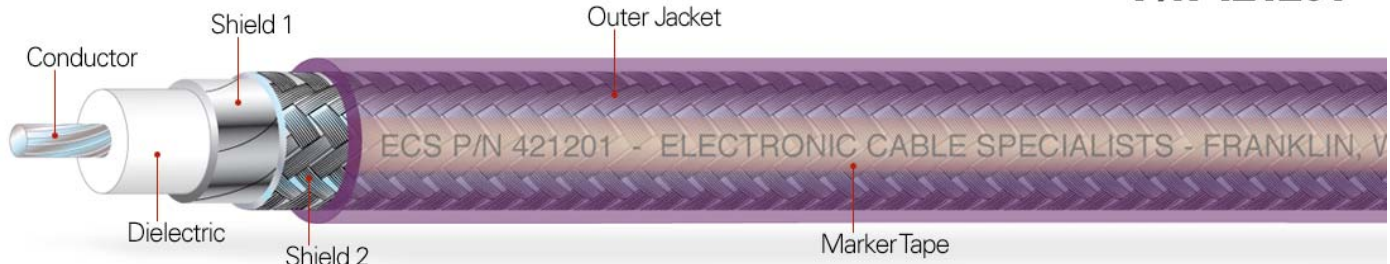




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

50 Ohm Coaxial Cable

P/N 421201



Conductor: 12 AWG stranded silver plated copper
Dielectric: High temperature fluoropolymer
Shield 1: Aluminum tape
Shield 2: Silver plated copper braid
Jacket: Purple high temperature fluoropolymer (laser markable)

Physical Characteristics

Outer Diameter: 0.313 in. nominal
Bend Radius: 1.6 in. nominal
Weight: 7.5 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: 1.69 Ohms/1000 ft nominal
Time Delay: 1.28 ns/ft nominal
Attenuation: 156 MHz 2.23 dB/100 ft; (nominal)
 1090 MHz 5.84 dB/100 ft;
 1575 MHz 6.83 dB/100 ft;
 4400 MHz 12.39 dB/100 ft;
 5091 MHz 13.34 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 421201

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR122	BNC 90°	CBR122	ARINC 404 Size 1	LM122
TNC 90° Extended	N/A	BNC 90° Extended	N/A	ARINC 600 Size 1	L1122
TNC 90° Long	N/A	BNC 90° Long	N/A	ARINC 600 Size 1RF	M1122
TNC Straight	CTS122	BNC Straight	CBS122	ARINC 600 Size 5	N/A
TNC Panel Mount	N/A	BNC Bulkhead	N/A	SMA 90°	CSR122
TNC Bulkhead	BTS122	N 90°	CNR122	SMA Straight	CSS122
C 90°	CCR122	N Straight	CNS122	HN 90°	CHR122
C Straight	CCS122	N Bulkhead	BN3122		

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