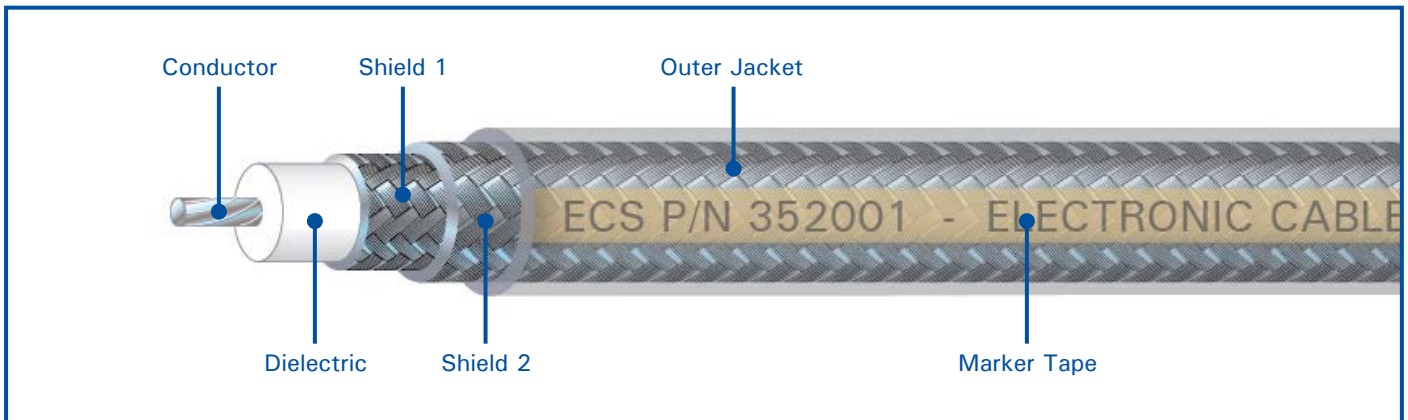


50 Ohm Coaxial Cable

P/N 352001



CONSTRUCTION DETAILS

- 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

ENVIRONMENTAL DETAILS

- » 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.

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:** 7.5 Ohms/1000 ft. nominal
- Time Delay:** 1.25 ns/ft. nominal
- Velocity of Propagation:** 80% nominal
- Shield Effectiveness:** > 80 dB
- Attenuation:** 4.5 dB/100 ft. @ 150 MHz (nominal)
- 12.2 dB/100 ft. @ 1000 MHz
- 14.8 dB/100 ft. @ 1600 MHz
- 20.4 dB/100 ft. @ 2400 MHz
- 26.4 dB/100 ft. @ 5000 MHz

CONNECTOR TYPES FOR CABLE 352001

Connector Type	Connector P/N
TNC 90°	CTR3522
TNC 90° Extended	CTRE3522
TNC 90° Long	CTRL3522
TNC Straight	CTS3522
TNC Panel Mount	N/A
TNC Bulkhead	BTS3522
C 90°	CCR3522
C Straight	CCS3522

Connector Type	Connector P/N
BNC 90°	CBR3522
BNC 90° Extended	CBRE3522
BNC 90° Long	CBRL3522
BNC Straight	CBS3522
BNC Bulkhead	BBS3522
N 90°	CNR3522
N Straight	CNS3522
N Bulkhead	BNS3522

Connector Type	Connector P/N
ARINC 404 Size 1	LM3522
ARINC 600 Size 1	L35122
ARINC 600 Size 1RF	M35122
ARINC 600 Size 5	P3522
SMA 90°	CSR3522
SMA Straight	CSS3522
HN 90°	CHR3522
ARINC 600 Size 8	N/A

