

75 Ohm Coaxial Cable

P/N 3C179B1



CONSTRUCTION DETAILS

Conductor: 30 AWG stranded silver-plated copper clad steel
Dielectric: High temperature fluoropolymer
Shield 1: 38 AWG silver-plated copper braid
Jacket: Brown high temperature fluoropolymer

PHYSICAL CHARACTERISTICS

Outer Diameter: 0.1 in. nominal
Bend Radius: 0.5 in. nominal
Weight: 1.0 lbs/100 ft. nominal
Temperature Range: -55° to +200°C
Skydrol Resistant: Yes

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.

ELECTRICAL CHARACTERISTICS

Impedance: 75.0 Ohms nominal
Capacitance: 19.5 pF/ft. nominal
DC Resistance: 234.0 Ohms/1000 ft. nominal
Time Delay: 1.46 ns/ft. nominal
Velocity of Propagation: 69.5% nominal
Shield Effectiveness: > 50 dB
Attenuation: 8.1 dB/100 ft. @ 100 MHz
 (nominal) 16.5 dB/100 ft. @ 400 MHz
 26.5 dB/100 ft. @ 1000 MHz

CONNECTOR TYPES FOR CABLE 3C179B1

Connector Type	Connector P/N
BNC Straight	413589-8
BNC 90°	4133588-8
BNC Bulkhead	221221-5
TNC Straight	UPL240-004
SMA 90°	CSR179

Connector Type	Connector P/N
F Straight	N/A
F 90°	73356-0230
ARINC 600 Size 5	N/A
ARINC 600 Size 8	N/A

Connector Type	Connector P/N
ARINC 404 Size 9	N/A
D-SUB #8 Socket	N/A
D-SUB #8 Pin	N/A
TRB Triax Plug	N/A