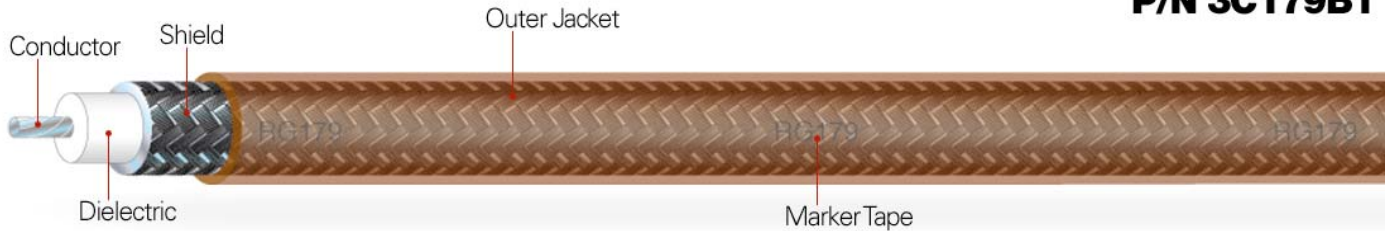




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

# 75 Ohm Coaxial Cable

**P/N 3C179B1**



**Conductor:** Silver plated copper clad steel  
**Dielectric:** High temperature fluoropolymer  
**Shield:** 39 AWG silver plated copper braid  
**Jacket:** Brown high temperature fluoropolymer (laser markable)

**Physical Characteristics**

**Outer Diameter:** 0.1 inches nominal  
**Bend Radius:** 0.5 inches nominal  
**Weight:** 1.0 lb/100 feet nominal  
**Temperature Range:** -55° to +200° C  
**Skydrol Resistant:** Yes

**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  
**Attenuation:** 400 MHz 15.8 dB/100 ft; (nominal) 1000 MHz 25.0 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 3C179B1

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
BNC Straight	413589-8	F Straight	N/A	ARINC 404 Size 9	N/A
BNC 90°	4133588-8	F 90°	73356-0230	D-SUB #8 Socket	N/A
BNC Bulkhead	221221-5	ARINC 600 Size 5	N/A	D-SUB #8 Pin	N/A
TNC Straight	UPL240-004	ARINC 600 Size 8	N/A	TRB Triax Plug	N/A
SMA 90°	CSR179				

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