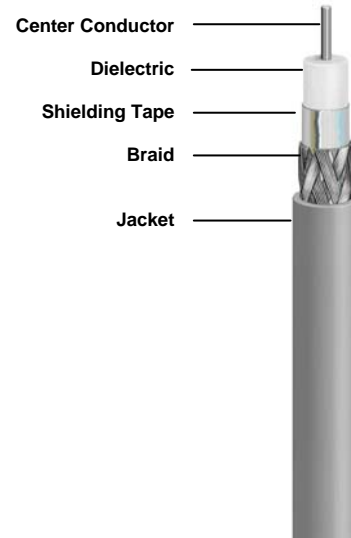


DS-3/4 Interconnect Cables

Approved for AT&T (spec ATT-002-316-019)
Catalog # 73401SF
NEC/CEC: None

CONSTRUCTION:

- CENTER CONDUCTOR: 20 AWG Silver Plated Solid Copper**
Conductor Diameter: 0.0313" +/- .0002" (.795" +/- .005 mm)
- DIELECTRIC: Foamed Polyethylene (FPE)**
Diameter Over Dielectric: 0.148" (3.76 mm) Nom.
Wall Thickness: 0.058" (1.5 mm) Nom.
- SHIELD: Foil: Aluminum/Poly Tape (Bonded)**
100% Coverage
Diameter Over Foil: 0.163" +/- 0.003" (4.14 +/- .08 mm)
Braid: 34 AWG Tinned Copper
85% Coverage Minimum
Diameter Over Braid: 0.185" +/- 0.003" (4.70 +/- .08 mm)
- JACKET: Black Polyethylene (PE) with dry floodant**
Diameter Over Cable: 0.235" +/- 0.005" (5.97 +/- .08 mm)
Coax Jacket Thickness: 0.026" (.55 mm) Nom.



*Sequential Footage Marks are printed on the outer jacket every two feet.

ELECTRICAL PROPERTIES:

- SPARKER TEST:** 4000 VAC
- DIELECTRIC STRENGTH:** Conductor to Shield: 3 Sec. @ 3500 VDC
Shield to Shield: 1200 VDC
- CAPACITANCE:** 17.7 +0.20 -0.10 pF/ft. (58.1 +/- .3pF/m)
- IMPEDANCE:** 75.0 +/- 2.0 Ohms (5 - 150 MHz)
- VELOCITY OF PROPAGATION:** 80% Nom.
- DCR:**
Conductor: 11.0 Ohms/1000 ft. (36.1 Ohms/km) Max
SRL: 73401S 35 dB Min. (5 - 150 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

- RECOMMENDED MINIMUM BEND RADIUS:**
INSTALLATION (Under Load): 20 times cable OD
FIXED (Unloaded): 10 times cable OD

WATER PENETRATION:

- Meets or exceeds GR-421-Core,
Issue 1, December 1998, Section
4.3.5.1 Standard Performance

ATTENUATION:

dB/100 Ft. (Max)	@ Frequency MHz
0.28 dB	1 MHz
0.59 dB	5 MHz
0.80 dB	10 MHz
1.18 dB	22.5 MHz
1.82 dB	50 MHz
2.60 dB	100 MHz
3.22 dB	150 MHz