

CommScope

F7SSVV-APD

75 Ohm Coaxial Cable

RG-7 Quad Shield Drop Cable

CATV (ETL) 75 Ohm Coaxial Drop Cable (Flooded), Integral with 5 Pair of 22 AWG Telco Service Wire (Flooded), and Heavy Duty 0.083 Messenger

PRODUCT DESCRIPTION:

BONDED FOIL, 60% BRAID, NON-BONDED TAPE, 40% BRAID, AMORPHOUS POLYPROPYLENE FLOODING COMPOUND (NON-FLOWING) FLAME RETARDANT PVC JACKET MEETS NEC ARTICLE 820V RATING (ETL LISTED)

CENTER CONDUCTOR:

16 AWG COPPER-CLAD STEEL
NOMINAL DIAMETER: 0.051" (1.29 mm)

DIELECTRIC:

GAS EXPANDED POLYETHYLENE
NOMINAL DIAMETER OVER DIELECTRIC: 0.225" (5.72 mm)

SHIELD:

1ST SHIELD: ALUMINUM-POLYPROPYLENE-ALUMINUM LAMINATED TAPE WITH OVERLAP BONDED TO THE DIELECTRIC
NOMINAL DIAMETER OVER TAPE: 0.232" (5.8 mm)

2nd SHIELD: 34 AWG ALUMINUM BRAID WIRE 60% COVERAGE

3RD SHIELD: NON-BONDED TAPE

4TH SHIELD: 34 AWG ALUMINUM BRAID WIRE 40% COVERAGE

JACKET:

FLAME RETARDANT PVC JACKET
NOMINAL DIAMETER OVER JACKET: 0.340" (8.64 mm)
NOMINAL JACKET THICKNESS: 0.034" (0.86 mm)
CORROSION RESISTANT TREATMENT:
AMORPHOUS POLYPROPYLENE FLOODING COMPOUND

ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms
VELOCITY OF PROPAGATION: 85.0% NOMINAL
ATTENUATION: @ 68°F (20°C)

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.47 dB	1.54 dB
55 MHz	1.25 dB	4.10 dB
83 MHz	1.50 dB	4.92 dB
187 MHz	2.22 dB	7.28 dB
211 MHz	2.36 dB	7.74 dB
250 MHz	2.56 dB	8.40 dB
300 MHz	2.82 dB	9.25 dB
350 MHz	3.05 dB	10.01 dB
400 MHz	3.27 dB	10.73 dB
450 MHz	3.46 dB	11.35 dB
500 MHz	3.67 dB	12.04 dB
550 MHz	3.85 dB	12.63 dB
600 MHz	4.05 dB	13.28 dB
750 MHz	4.57 dB	14.99 dB
865 MHz	4.93 dB	16.17 dB
1000 MHz	5.32 dB	17.45 dB