

# F59 HEC-2 VV T/CU HEADEND CABLE

## 75 Ohm Coaxial Cable

### Drop Cable



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#### PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 95% TIN  
 COPPER BRAID, 95% TIN COPPER BRAID, FLAME  
 RETARDANT PVC JACKET

#### CENTER CONDUCTOR:

20 AWG SILVER PLATED COPPER COVERED STEEL  
 NOMINAL DIAMETER: 0.032" (0.81 mm)

#### DIELECTRIC:

GAS EXPANDED POLYETHYLENE  
 NOMINAL DIAMETER OVER DIELECTRIC: 0.144" (3.66 mm)

#### SHIELD:

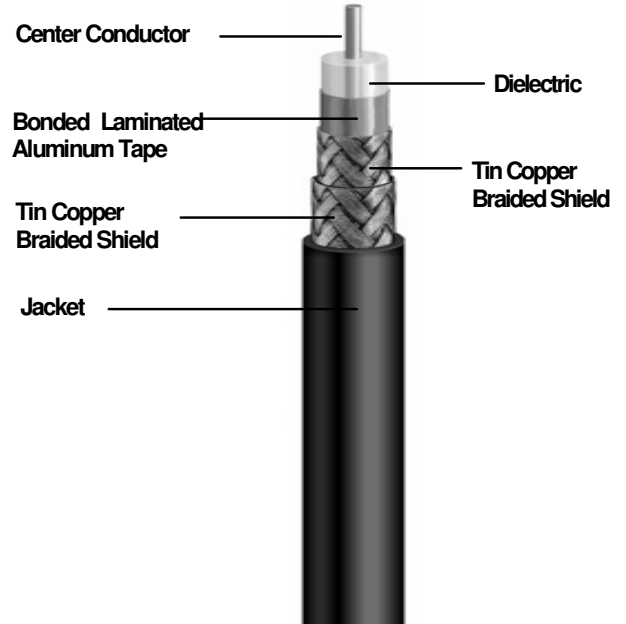
**1<sup>st</sup> SHIELD:** ALUMINUM LAMINATED TAPE BONDED  
 TO THE DIELECTRIC  
 NOMINAL DIAMETER OVER TAPE: 0.151" (3.84 mm)  
**2<sup>nd</sup> SHIELD:** 34 AWG TIN COPPER BRAID WIRE  
 95% COVERAGE  
**3<sup>rd</sup> SHIELD:** 34 AWG TIN COPPER BRAID WIRE  
 95% COVERAGE

#### JACKET:

FLAME RETARDANT PVC JACKET  
 NOMINAL DIAMETER OVER JACKET: 0.270" (6.86 mm)

#### ELECTRICAL PROPERTIES:

IMPEDANCE: 75 +/- 3 Ohms  
 VELOCITY OF PROPAGATION: 85% NOMINAL  
 SRL: 5 MHz – 1 GHz 20 dB MINIMUM  
 ATTENUATION @ 68°F (20°C):



@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.86 dB	2.82 dB
55 MHz	2.05 dB	6.73 dB
83 MHz	2.45 dB	8.04 dB
187 MHz	3.60 dB	11.81 dB
211 MHz	3.80 dB	12.47 dB
250 MHz	4.10 dB	13.45 dB
300 MHz	4.45 dB	14.60 dB
350 MHz	4.80 dB	15.75 dB
400 MHz	5.10 dB	16.73 dB
450 MHz	5.40 dB	17.72 dB
500 MHz	5.70 dB	18.70 dB
550 MHz	5.95 dB	19.52 dB
600 MHz	6.20 dB	20.34 dB
750 MHz	6.97 dB	22.87 dB
865 MHz	7.52 dB	24.67 dB
1000 MHz	8.12 dB	26.64 dB



*Drawing not to scale.  
 Specifications subject to change.  
 Revision: 08/26/08*