

# *CommScope Siamese Satellite -w- Ground*

## **5788 F2-660BVM045CMH HDC 75 Ohm Coaxial Cable Satellite Coax Drop Cable**

**PRODUCT DESCRIPTION:** Center Conductor Dielectric, Aluminum Braided Shield, Jacket Bonded, Aluminum Foil Shield, Copper Clad Steel Messenger/Ground

**2 CABLES**  
BONDED FOIL, 60% BRAID, FR PVC JACKET,  
17 AWG CCS GROUND MESSENGER

**CENTER CONDUCTOR:**

18 AWG CCS  
NOMINAL DIAMETER: 0.040" (1.02 mm)

**DIELECTRIC:**

GAS EXPANDED POLYETHYLENE  
NOMINAL DIAMETER OVER DIELECTRIC: 0.180" (4.57 mm)

**SHIELD:**

**1<sup>st</sup> SHIELD:** ALUMUNUM-POLYPROPYLENE-ALUMINUM  
LAMINATED TAPE WITH OVERLAP BONDED TO THE DIELECTRIC  
NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)  
**2<sup>nd</sup> SHIELD:** 34 AWG ALUMINUM BRAID WIRE  
60% COVERAGE

**JACKET:**

FR PVC  
NEC: CM, CATV  
CEC: CMH  
NOMINAL DIAMETER OVER JACKET: 0.272" (6.91 mm)  
NOMINAL JACKET THICKNESS: 0.030" (0.76 mm)

**GROUND MESSENGER:**

NOMINAL DIAMETER OF MESSENGER: 0.045" (1.143 mm)  
17 AWG CCS

**ELECTRICAL PROPERTIES:**

SRL SWEEP TESTED TO 2.2 GHZ.  
IMPEDANCE: 75.0 +/- 3.0 Ohms  
VELOCITY OF PROPAGATION: 85.0% NOMINAL

ATTENUATION: @ 68°F (20°C)

@ Frequency MHz	dB/100 ft. (NOM.)	dB/100 meters (NOM.)
1 MHz	0.26 dB	0.85 dB
10 MHz	0.76 dB	2.49 dB
50 MHz	1.46 dB	4.79 dB
100 MHz	2.05 dB	6.72 dB
200 MHz	2.83 dB	9.28 dB
400 MHz	4.05 dB	13.28 dB
700 MHz	5.60 dB	18.37 dB
900 MHz	6.23 dB	20.43 dB
1000 MHz	6.59 dB	21.62 dB
1200 MHz	7.50 dB	24.60 dB
1450 MHz	8.04 dB	26.37 dB
1800 MHz	8.80 dB	28.86 dB
2200 MHz	9.70 dB	31.81 dB