

F677TSEF

75 Ohm Coaxial Cable

Drop Cable

1100 CommScope Place
 Hickory, NC 28603
 (800) 982-1708
 (828) 324-2200
 Fax: (828) 324-3400
 Int'l Fax: (828) 323-4989
www.commscope.com
 CommScope Properties, LLC
 All Rights Reserved



PRODUCT DESCRIPTION:

BONDED LAMINATED ALUMINUM TAPE, 77% BRAID, LAMINATED ALUMINUM TAPE, FLOODED FOR UNDERGROUND, PE JACKET

CENTER CONDUCTOR:

18 AWG COPPER-CLAD STEEL
 NOMINAL DIAMETER: 0.040" (1.02 mm)

DIELECTRIC:

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

SHIELD:

1ST SHIELD: ALUMINUM LAMINATED TAPE BONDED TO THE DIELECTRIC
 NOMINAL DIAMETER OVER TAPE: 0.187" (4.75 mm)
2ND SHIELD: 34 AWG ALUMINUM BRAID WIRE
 77% COVERAGE
3RD SHIELD: ALUMINUM LAMINATED TAPE

JACKET:

PE (FLOODED FOR UNDERGROUND)
 NOMINAL DIAMETER OVER JACKET: 0.278" (7.06 mm)
 NOMINAL JACKET THICKNESS: 0.030" (0.76 mm)

Center Conductor

Dielectric

Bonded Laminated Aluminum Tape

Aluminum Braided Shield

Flooding Compound

Laminated Aluminum Tape (Non-bonded)

Jacket



ELECTRICAL PROPERTIES:

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

Shipping Weight (Lbs.)/1000': 33 lbs.

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.58 dB	1.90 dB
55 MHz	1.60 dB	5.25 dB
83 MHz	1.95 dB	6.40 dB
187 MHz	2.85 dB	9.35 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 Db
300 MHz	3.55 dB	11.64 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
865 MHz	6.10 dB	20.01 dB
1000 MHz	6.55 dB	21.49 dB



*Drawing not to scale.
 Specifications subject to change.
 Revision: 05/15/07*