



750JCAQCE 75 Ohm Coaxial Cable Trunk & Distribution

PRODUCT DESCRIPTION: (AERIAL CONSTRUCTION)

SOLID ALUMINUM TUBE SWAGED ONTO DIELECTRIC CORE, FULLY COPPER CLAD CENTER CONDUCTOR MEDIUM DENSITY PE JACKET.

CENTER CONDUCTOR:

COPPER CLAD ALUMINUM
DIAMETER: 0.167" (4.24 mm)

DIELECTRIC:

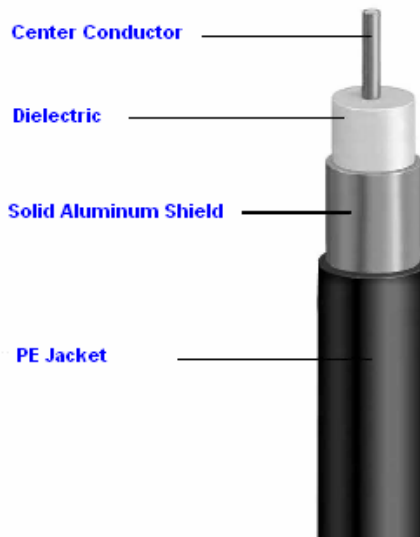
MICRO-CELLULAR FOAM PE
NOMINAL DIAMETER 0.680" (17.22 mm)

SHIELD:

SOLID ALUMINUM TUBE
OUTER CONDUCTOR THICKNESS: 0.035" (0.91 mm)

JACKET:

MEDIUM DENSITY PE
JACKET DIAMETER: 0.820" (20.83 mm)
JACKET THICKNESS: 0.035" (0.90 mm)



MECHANICAL CHARACTERISTICS:

MINIMUM BEND RADIUS: STANDARD= 8.0" (20.3 cm)
MINIMUM BEND RADIUS: BONDED = 6.0" (15.2 cm)
MAXIMUM PULLING TENSION = 675 lbs. (306 kgf)

Shipping Weight (lbs/ k ft): 407 -
(kg/km): 606

ELECTRICAL CHARACTERISTICS:

CAPACITANCE: 15.3 ± 1.0 pf/ft. (50 ± 3.0 nf/km)
IMPEDANCE: 75 ± 2 Ohms
VELOCITY OF PROPAGATIO 87% NOMINAL
NOMINAL DC LOOP RESISTANCE @ 68°F: 0.76 Ohms/1000 ft. (2.55 Ohms/km)

ATTENUATION: @ 68°F (20°C)

@ Frequency Mhz	db/100Ft. (Max)	db/100 Meters (Max)
5 MHz	0.11	0.36
55 MHz	0.37	1.21
83 MHz	0.46	1.51
211 MHz	0.74	2.43
250 MHz	0.81	2.66
300 MHz	0.89	2.92
350 MHz	0.97	3.18
400 MHz	1.05	3.44
450 MHz	1.12	3.67
500 MHz	1.18	3.87
550 MHz	1.24	4.07
600 MHz	1.31	4.30
750 MHz	1.48	4.86
865 MHz	1.61	5.28
1000 MHz	1.74	5.71