

1) CONSTRUCTION: NOM. DIA.  
 CONDUCTOR: 26 AWG SOLID SILVER PLATED COPPER .0159"  
 INSULATION: FOAMED HIGH DENSITY POLYETHYLENE, .030" NOM. WALL THICKNESS .077"  
 SHIELD: AN ALUMINIZED POLYESTER FOIL SHIELD (100% COVERAGE) SHALL BE APPLIED OVER THE CONDUCTOR. A SECOND SHIELD OF 38 AWG BRAID SHIELD (90% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD. .096"  
 INNER JACKET: POLYVINYLCHLORIDE, GRAY, .015 NOM. WALL THICKNESS .126  
 CABLE: (3) DOUBLE SHIELDED CONDUCTORS TWISTED TOGETHER TO FORM A CABLE CORE. .271"  
 OUTER JACKET: POLYVINYLCHLORIDE, GRAY, .025 NOM. WALL THICKNESS .321" NOM.

2) PHYSICAL PROPERTIES:  
 TEMPERATURE RATING, MAX. 60°C  
 WT./M', NOM., NET. 51.7 LBS.

3) ELECTRICAL CHARACTERISTICS:  
 SEE PAGE 2

4) AGENCY APPROVALS:  
 NEC CMR  
 CEC CMR

5) APPLICATION:  
 TYPE 735 COAXIAL CABLE BUNDLE FOR T-3 OR DS-3 APPLICATIONS MEETS  
 BELLCORE GR-139-CORE GENERIC REQUIREMENTS FOR CENTRAL OFFICE COAXIAL CABLE

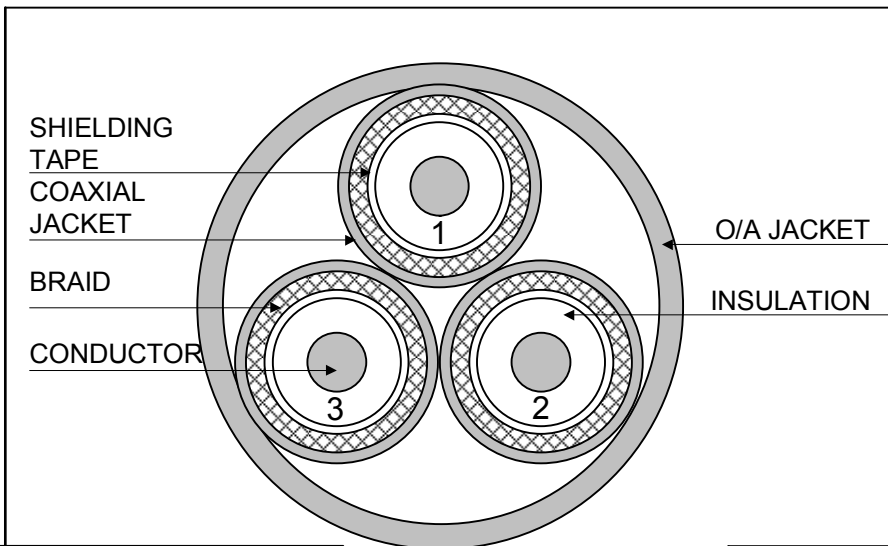
6) PRINT:  
 QUABBIN DATAMAX 2700 3 PACK DS-3 TYPE 735 SILVER PLATED COPPER 75 OHM COAX --  
 TYPE CMR (UL) C(UL) 26 AWG -- DDMYY -- **(SEQUENTIAL FOOTAGE)** FEET


7) COLOR CODE:

8) PACKAGING:  
 TO BE PACKAGED AS PER QWC'S  
 STANDARD PACKAGING

1,000' PUT UPS

9) CONNECTORS:  
 AMP P/N 1-413589-0  
 TROMPETER UPL 220-026  
 KINGS 2025-47-9  
 GEM ELECTRONICS P/N 307-18S




REVISION 02	DATE:	DRAWN S. ADAMS 4/24/01	
REVISED BY B. Duceyuski 3/28/06	CHECKED J. RIVERNIDER 4/25/01		
CHECKED J. RIVERNIDER 3/29/06	CHECKED		
CHECKED	CUSTOMER APPROVAL: DATE:	TITLE (3) SHIELDED 75 OHM DS-3 COAXIAL CABLE	
		QUABBIN P/N 2700	1 OF 2

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	17.5 PF/FT.
DIELECTRIC WITHSTANDING, MIN.	1500 V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX. PER ASTM B286	45 OHMS/M'
STRUCTURAL RETURN LOSS	30dB MINIMUM FROM 15 TO 90 MHz
CHARACTERISTIC IMPEDANCE	75 OHMS +/- 3 OHMS 10 TO 100 MHz
NOMINAL VELOCITY OF PROPAGATION	75%

ATTENUATION

FREQUENCY (MHZ)	dB/100 FT TYPICAL	dB/100 FT MAX
1.0	.520	0.6
1.024	.523	-
4.224	1.010	-
5.000	1.100	1.2
10.000	1.530	1.7
17.184	2.020	-
22.368	2.310	-
25.920	2.490	-
44.736	3.280	-
50.000	3.470	3.8
69.632	4.110	-
77.760	4.350	-
100.000	4.950	5.5
137.088	5.820	-
200.000	7.080	7.8

REVISION 01	DATE:	DRAWN S. ADAMS 4/24/01	
REVISED BY	<i>B. Duczynski</i> 3/28/06	CHECKED J. RIVERNIDER 4/25/01	
CHECKED	J. RIVERNIDER 3/29/06	CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE (3) SHIELDED 75 OHM DS-3 COAXIAL CABLE
			QUABBIN P/N 2700 2 OF 2