

1) CONSTRUCTION:

CONDUCTOR:	26 AWG SOLID SILVER PLATED COPPER	NOM. DIA.	.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.		
INNER JACKET:	POLYVINYLCHLORIDE, GRAY, .015 NOM. WALL THICKNESS		.083"
CABLE:	(16) NUMBERED COAXIAL MEMBERS CABLED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE		.130"
OUTER JACKET:	POLYVINYLCHLORIDE, GRAY, .025 NOM. WALL THICKNESS		.614"
			.664" NOM

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60 DEGREES C
WT./M', NOM., NET.	223.3 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

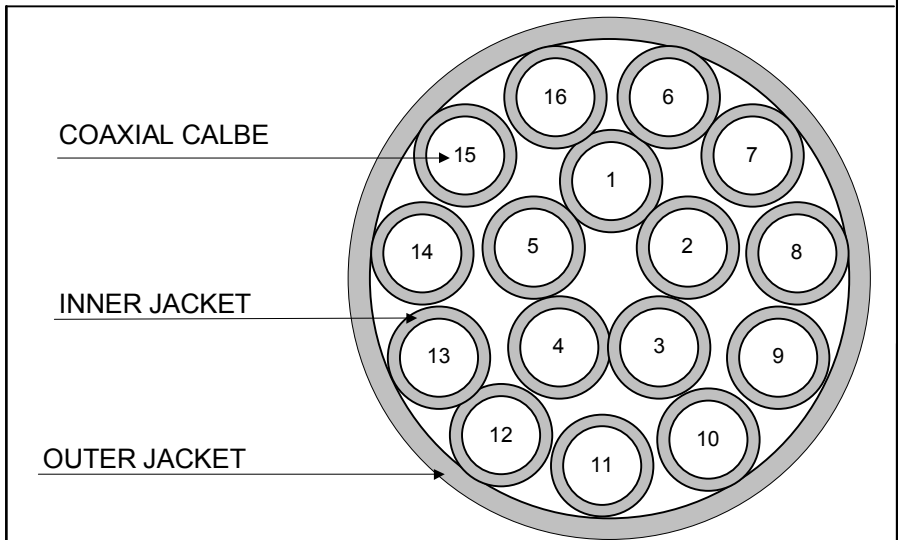
6) PRINT:
QUABBIN DATAMAX 2716 16 PACK DS-3 TYPE 735 SILVER PLATED COPPER 75 OHM COAX -- TYPE CMR (UL) C(UL) 26 AWG -- DDMMYY -- **(SEQUENTIAL FOOTAGE)** FEET


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 04/24/01	
REVISED BY B. M. DUCZYNSKI 2/12/02	CHECKED J. RIVERNIDER 04/25/01		
CHECKED J. RIVERNIDER 2/12/02	CHECKED		
CHECKED	CUSTOMER APPROVAL: DATE:	TITLE (16) DOUBLE SHIELDED 75 OHM DS-3 COAXIAL CABLE	
		QUABBIN P/N 2716	10F 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

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