

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 (FOIL OUT, 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.		.083"
TRACER:	22 AWG 7/30 STRANDED TINNED COPPER		.030"
CABLE:	(2) DOUBLE SHIELDED CONDUCTORS AND (1) TRACER PULLED IN STRAIGHT		
JACKET:	POLYVINYLCHLORIDE, GRAY, .015 NOM. WALL THICKNESS	.131" X .322" NOM	.134" MAX. EACH COAX

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C
WT./M', NOM., NET.	24.9 LBS.

3) ELECTRICAL CHARACTERISTICS:

SEE PAGE 2

4) AGENCY APPROVALS:

NEC (UL) CMR  
CEC C(UL) CMR

5) APPLICATION:

TYPE 735 DUAL COAXIAL CABLE WITH TRACER WIRE FOR T-3 OR DS-3 APPLICATIONS MEETS BELLCORE GR-139-CORE GENERIC REQUIREMENTS FOR CENTRAL OFFICE COAXIAL CABLE. RoHS COMPLIANT MATERIALS.

6) PRINT:

QUABBIN DATAMAX 2703 DUAL DS-3 TYPE 735 SILVER PLATED COPPER 75 OHM COAX -- TYPE CMR C(UL)US 26 AWG -- RoHS -- DDMMYY -- **(SEQUENTIAL FOOTAGE)** FEET

7) COLOR CODE:

- 1. CLEAR
- 2. CLEAR

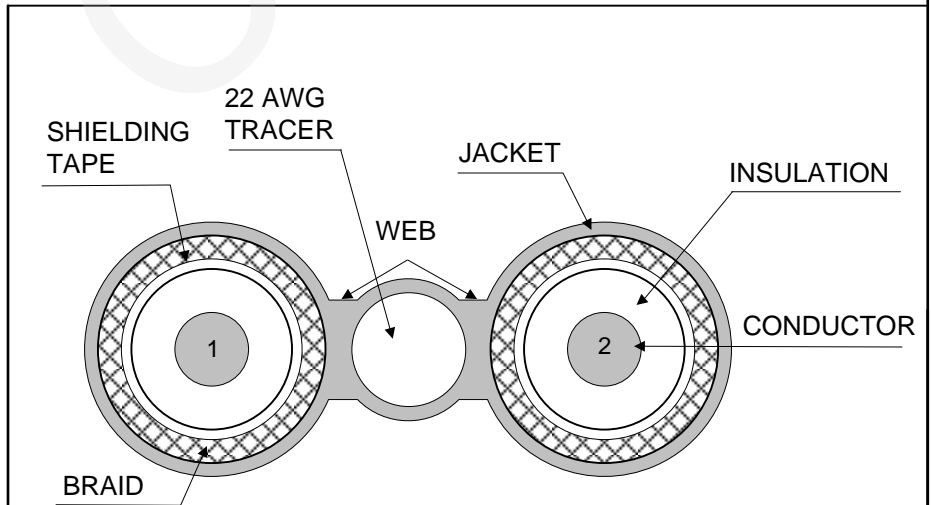
8) PACKAGING:

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



Created 03/06/01	DRAWN: BMD 03/03/14
REV. 04	CHECKED: GBM 03/04/14



TITLE  
DOUBLE SHIELDED 75 OHM DS-3  
DUAL COAXIAL CABLE WITH TRACER

CUSTOMER APPROVAL:

DATE:


QUABBIN P/N	2703	1 of 2
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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 Ω/M'
STRUCTURAL RETURN LOSS	30dB MINIMUM FROM 15 TO 90 MHz
CHARACTERISTIC IMPEDANCE	75 Ω +/- 3 Ω 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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TITLE DOUBLE SHIELDED 75 OHM DS-3 DUAL COAXIAL CABLE WITH TRACER		
QUABBIN P/N	2703	2 of 2

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