

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 EACH CONDUCTOR. A SECOND SHIELD OF 38 AWG BRAID SHIELD (90% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE FOIL SHIELD.		.100"
JACKET:	(2) SHIELDED COAXIAL CABLES JACKETED WITH AN INTERCONNECTING WEB, POLYVINYLCHLORIDE, CHROME GRAY, .015 NOM. WALL THICKNESS	OVERALL CABLE DIAMETER	.131" X .262"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	23.2 LBS.

3) ELECTRICAL CHARACTERISTICS:
SEE PAGE 2

4) AGENCY APPROVALS:
NEC (UL) TYPE CMR
CEC C(UL) TYPE CMR

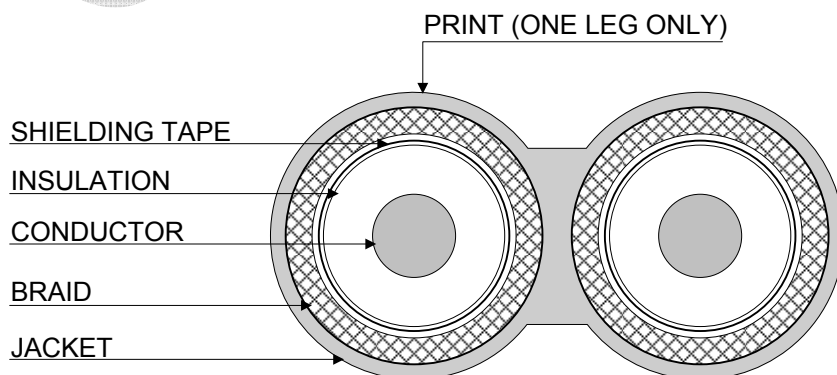
5) APPLICATION:
735A COAXIAL CABLE FOR T-3 OR DS-3 APPLICATIONS. MEETS BELLCORE GR-139-CORE GENERIC REQUIREMENTS FOR CENTRAL OFFICE COAXIAL CABLE. RoHS COMPLIANT MATERIALS.

6) PRINT:
QUABBIN DATAMAX 2702 DUAL DS-3 TYPE 735 SILVER PLATED COPPER 75 OHM COAX --
TYPE CMR (UL) C(UL) 26 AWG -- RoHS -- **DDMMYY -- (SEQUENTIAL FOOTAGE)** FEET

7) COLOR CODE:
CLEAR

8) PACKAGING:
TO BE PACKAGED AS PER QWC'S
STANDARD PACKAGING
1,000' PUT UPS

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



CUSTOMER APPROVAL:

DATE:

Created 9/20/00	DRAWN: BMD 5/11/12
REV. 07	CHECKED: GBM 05/14/12



TITLE

DUAL-DOUBLE SHIELDED 75 OHM
DS-3 COAXIAL CABLE

QUABBIN P/N

2702

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 Ω /1,000'
RETURN LOSS	30dB MINIMUM FROM 15 TO 95 MHz
NOMINAL CHARACTERISTIC IMPEDANCE	75 Ω
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 DUAL-DOUBLE SHIELDED 75 OHM DS-3 COAXIAL CABLE		
QUABBIN P/N 2702		2 of 2