2316

1) CONSTRUCTION:

		NOM. DIA.
CONDUCTOR:	7/.0067 STRANDED TINNED COPPER	.0201"
INSULATION:	FOAMED HIGH DENSITY POLYETHYLENE, .020" NOM. WALL THICKNESS	.060"
SHIELD:	A 38 AWG TINNED COPPER BRAID SHIELD (90% MINIMUM COVERAGE) SHALL BE APPLIED OVER THE INSULATED CONDUCTOR.	.076"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .011" NOM. WALL THICKNESS	.098"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	75°C
WT./M', NOM., NET.	8.7 LBS.

3) ELECTRICAL CHARACTERISTICS:
SEE PAGE 2

4) AGENCY APPROVALS:

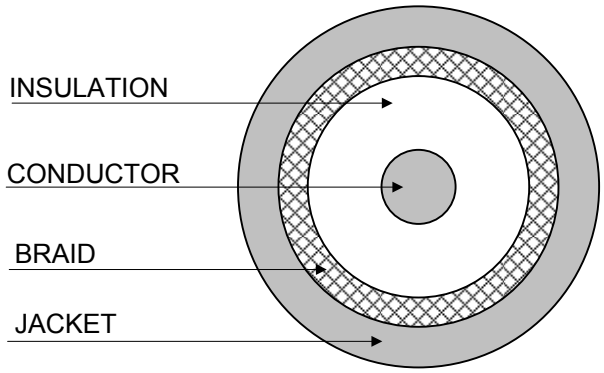
5) APPLICATION:
COMMERCIAL GRADE RG 316

6) PRINT:
QUABBIN LO-TEMP 316 50 OHM -- RoHS -- **(LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)**

7) COLOR CODE:
NATURAL

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

9) CONNECTORS:
FITS CONNECTORS DESIGNED FOR RG 316



REVISION 04	DATE:	DRAWN B. M. DUCZYNSKI 05/21/03	PS0964
REVISED BY	B. Duczynski 2/12/09	CHECKED J. RIVERNIDER 05/21/03	QUABBIN® WIRE & CABLE
CHECKED	G. Munroe 02/12/09	CHECKED	TITLE SHIELDED 50 OHM COAXIAL CABLE -- RG 316
CHECKED		CUSTOMER APPROVAL: DATE:	QUABBIN P/N 2316 — 1 OF 2

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM.	29.4 PF/FT.
MAX. OPERATING VOLTAGE	1000V RMS
CHARACTERISTIC IMPEDANCE, NOM.	50 Ω
NOMINAL VELOCITY OF PROPAGATION	70%

INSERTION LOSS	dB/100 FT
100 MHz	10.5
400 MHz	21.0
1 GHz	38.0
3 GHz	58.0

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			2 OF 2