

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	22 AWG SOLID TINNED COPPER	.0254"
INSULATION:	COLOR CODED FOAMED POLYPROPYLENE, .020" NOM. WALL THICKNESS	.065"
PAIRS:	COLOR CODED SINGLES TWISTED WITH FILLERS INTO PAIRS	.131"
SHIELD:	EACH PAIR SHALL BE COVERED WITH AN ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 50% OVERLAP) WITH A 24 AWG SOLID TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE. EACH PAIR SHALL BE ELECTRICALLY ISOLATED BY A POLYESTER TAPE WRAP.	.140"
CABLE:	(8) TWISTED PAIRS CABLED TOGETHER WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CORE.	.475"
JACKET:	POLYVINYLCHLORIDE, CHROME, .034" NOM. WALL THICKNESS	.543"
	OVERALL CABLE DIAMETER	

2) PHYSICAL PROPERTIES:	
TEMPERATURE RATING, MAX.	60°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	110.4 LBS.

3) ELECTRICAL CHARACTERISTICS:	
CAPACITANCE, MUTUAL, NOM.	15 PF/FT
DIELECTRIC WITHSTANDING, MIN.	1500 V RMS
VOLTAGE RATING, MAX.	300V
D.C.RESISTANCE, MAX.	17.2 Ω/1000'
IMPEDANCE, CHARACTERISTIC, NOM.	100 Ω AT 1 MHz
ATTENUATION	5.5 dB/1000 FT. AT .772 MHz
CROSSTALK NEAR END, MIN.	60 dB .772 - 1.5 MHz

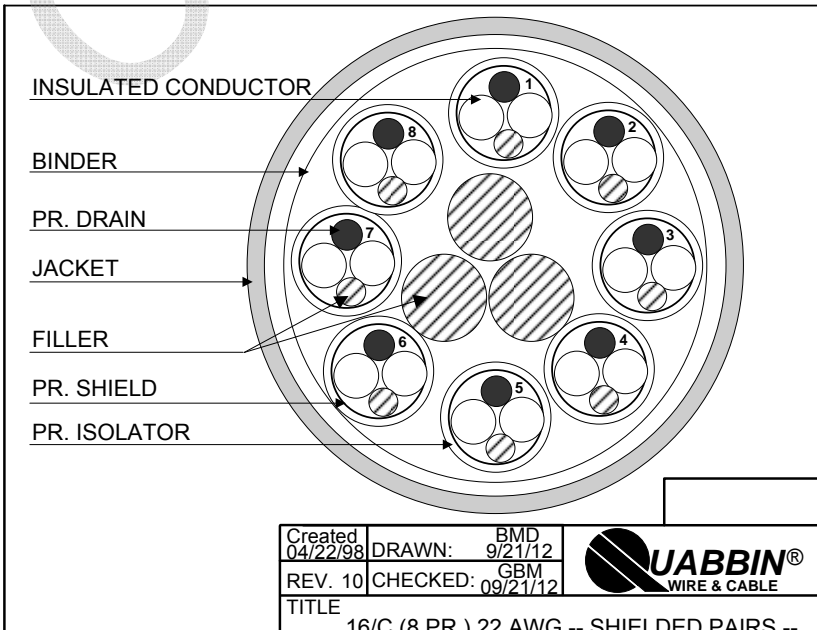
- 4) AGENCY APPROVALS:
 NEC (UL) TYPE CM
 CEC C(UL) TYPE CM

- 5) APPLICATION:
 RoHS COMPLIANT MATERIALS

6) PRINT:
 QUABBIN DATAMAX T-1 P/N 9788 -- E118830 TYPE CM C(UL)US 22 AWG SHIELDED -- RoHS -- **(LOT DESIGNATOR)**
(SEQUENTIAL FOOTAGE)

- 7) COLOR CODE: (LONGITUDINAL STRIPE)
1. BLUE X WHITE/BLUE
 2. ORANGE X WHITE/ORANGE
 3. GREEN X WHITE/GREEN
 4. BROWN X WHITE/BROWN
 5. GRAY X WHITE/GRAY
 6. RED/BLUE X BLUE/RED
 7. RED/ORANGE X ORANGE/RED
 8. RED/GREEN X GREEN/RED

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



Created	04/22/98	DRAWN:	BMD	9/21/12
REV. 10	CHECKED:	GBM	09/21/12	



TITLE
 16/C (8 PR.) 22 AWG -- SHIELDED PAIRS --
 TYPE CM (UL) C(UL)

CUSTOMER APPROVAL:

DATE: