

1) CONSTRUCTION:

CONDUCTOR:	22 AWG SOLID TINNED COPPER	NOM. DIA.	.025"
INSULATION:	TWO LAYER COMPOSITE POLYOLEFIN, .020" NOM. WALL THICKNESS		.065"
PAIRS:	COLOR CODED SINGLES TWISTED TOGETHER WITH FILLERS TO FORM A PAIR		.131"
SHIELDS:	EACH PAIR SHALL BE COVERED WITH AN ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) AND SHALL CONTAIN A 24 AWG SOLID TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE.		.136"
ISOLATOR:	EACH PAIR SHALL BE ELECTRICALLY ISOLATED FROM EACH OTHER WITH A POLYESTER TAPE WRAP.		.139"
CABLE:	(2) SHIELDED PAIRS PULLED IN STRAIGHT		.139" X .278"
JACKET:	POLYVINYLCHLORIDE, RED, .022" NOM. WALL THICKNESS		.184" X .326"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	60°C
WT./M', NOM., NET.	35.3 LBS.

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL	15 PF/FT. AT 1 MHZ
DIELECTRIC WITHSTANDING, MIN	1500V RMS
NEXT, TYPICAL GREATER THAN 60 DB; 500KHZ TO 3.5 MHZ	
D.C. RESISTANCE, MAX. PER ASTM B258	16.6 Ω/M'
IMPEDANCE, CHARACTERISTIC, NOM	100.0 Ω FROM 500 KHZ TO 3.5 MHZ (+/- 10 Ω AT .772 MHZ AND AT 1.544 MHZ)
RETURN LOSS, TYPICAL	GREATER THAN 30DB; 500 KHZ TO 3.5 MHZ
ATTENUATION: SEE PAGE 2	

4) AGENCY APPROVALS:  
 NEC TYPE CMR  
 CEC TYPE CMR

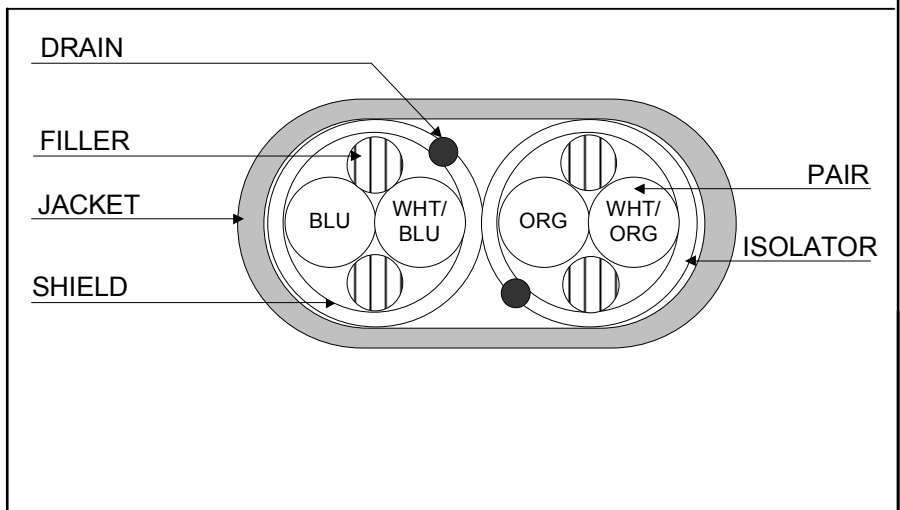
5) APPLICATION:  
 T1: LEVELS 1,1A AND 1C INTERCONNECTION COMPLIES WITH ANSI T1.403 CARRIER-TO-CUSTOMER INSTALLATION - DS1 METALLIC INTERFACE AT A MAXIMUM LENGTH OF 200M (655FT)  
 RoHS COMPLIANT MATERIALS.


NOTE: THIS CONSTRUCTION IS UNIQUELY DESIGNED TO FIT MOST POPULAR RJ-45 CONNECTORS WHEN THE OUTER PRIMARY INSULATION IS REMOVED.

6) PRINT:  
 QUABBIN DATAMAX 100 OHM T1 (DS1)  
 CABLE P/N 9722R -- TYPE CMR (UL)  
 C(UL) 22 AWG SHIELDED -- RoHS --  
**(LOT DESIGNATOR)**  
**(SEQUENTIAL FOOTAGE)**

7) COLOR CODE:  
 1. ORANGE X WHITE/ORANGE  
 2. BLUE X WHITE/BLUE

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




REVISION 07	DATE:	DRAWN S. ADDIE 05/12/97	
REVISED BY B. Duceyuski 2/7/07	CHECKED J. RIVERNIDER 05/12/97		
CHECKED B. Duceyuski 2/7/07	CHECKED		
CHECKED	CUSTOMER APPROVAL: DATE:	TITLE T 1 CABLE -- TYPE CMR	
		QUABBIN P/N 9722	1 OF 2

# ATTENUATION

9722

FREQUENCY MHz	ATTENUATION dB/1000 FT
0.772	5.5
1.544	7.7
3.152	10.9

REVISION <b>07</b>	DATE:	DRAWN	S. ADDIE 05/12/97	
REVISED BY	<i>B. Duceyuski</i> 2/7/07	CHECKED	J. RIVERNIDER 05/12/97	
CHECKED	<i>B. Duceyuski</i> 2/7/07	CHECKED		
CHECKED		CUSTOMER APPROVAL:	DATE:	TITLE <b>T 1 CABLE -- TYPE CMR</b>
				QUABBIN P/N <b>9722</b> <span style="float: right;">2 OF 2</span>