

1) CONSTRUCTION:

CONDUCTOR:	22 AWG SOLID TINNED COPPER	NOM. DIA.	.025"
INSULATION:	TWO LAYER COMPOSITE POLYOLEFIN .020" WALL THICKNESS		.065"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS WRAPPED WITH A CLEAR POLYESTER BINDER		.133"
SHIELDS:	ALUMINUM POLYESTER FOIL SHIELD (FOIL IN) WITH A 24 AWG SOLID TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE (100% COVERAGE). SHIELDS SHALL BE ELECTRICALLY ISOLATED BY AN EDGE FREE TAPE		.136"
CABLE:	(2) SHIELDED PAIRS PULLED IN STRAIGHT		.136" X .272"
JACKET:	POLYVINYLCHLORIDE, CHROME GRAY, .022" NOM. WALL THICKNESS		.178" X .315"

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX.	75°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	35.12 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/1000'
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:	.5dB/100FT AT .772 MHZ

4) AGENCY APPROVALS:
 NEC TYPE CMR
 CEC TYPE CMR

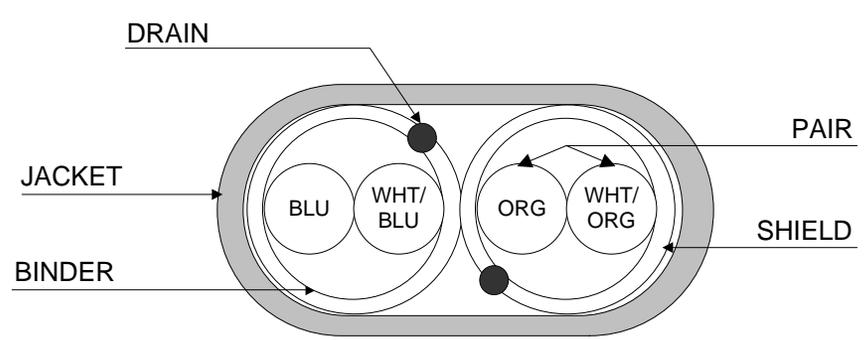
5) APPLICATION:
 T1: LEVELS 1,1A AND 1C INTERCONNECTION. RoHS COMPLIANT MATERIALS.

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 T LINE CABLE P/N 9719 -- TYPE CMR C(UL)US 22 AWG SHIELDED 75C -- 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



Created 01/23/01	DRAWN: BMD 03/16/16	
REV. 07	CHECKED: GBM 03/16/16	
TITLE T 1 CABLE -- TYPE CMR		
QUABBIN P/N	9719	1 of 1

CUSTOMER APPROVAL: _____ DATE: _____