

1) CONSTRUCTION:
 CONDUCTOR: 24 AWG SOLID TINNED COPPER
 INSULATION: TWO LAYER COMPOSITE POLYOLEFIN .020 WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED WITH ROD FILLERS INTO PAIRS AND WRAPPED WITH AN ALUMINUM POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) PER PAIR. 24 AWG SOLID TINNED COPPER DRAIN EACH PAIR.
 ISOLATOR: EACH PAIR SHALL BE ELECTRICALLY ISOLATED FROM EACH OTHER WITH A POLYESTER TAPE WRAP
 CABLE: (2) SHIELDED PAIRS PULLED IN STRAIGHT
 JACKET: POLYVINYLCHLORIDE, BEIGE, .022" NOM. WALL THICKNESS

NOM. DIA.
 .0201"
 .060"
 .126"
 .170" X .300"

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX. 60°C
 WT./M', NOM., NET. 27.5 LBS.

3) ELECTRICAL CHARACTERISTICS:
 SEE PAGE 2

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

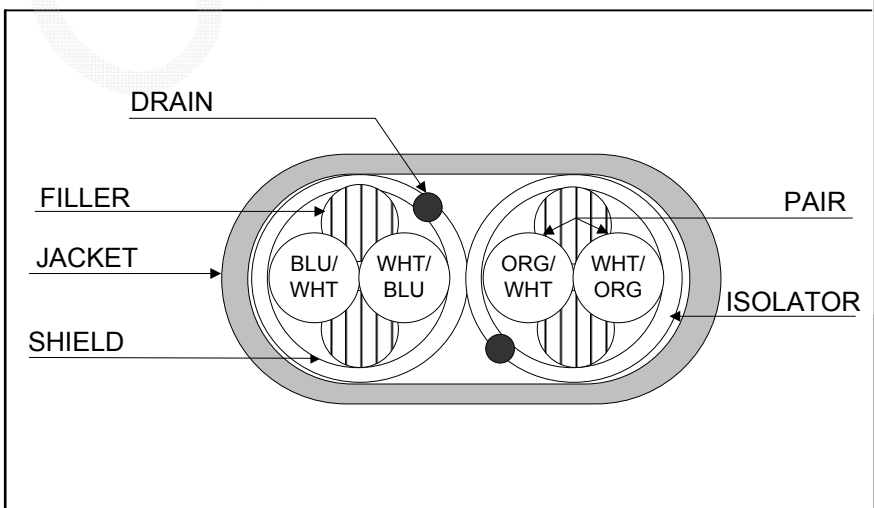
5) APPLICATION:
 T1: LEVELS 1,1A AND 1C INTERCONNECTION COMPLIES WITH ANSI T1.403 CARRIER-TO-CUSTOMER INSTALLATION - DS1 METALIC INTERFACE AT A MAXIMUM LENGTH OF 150M (490FT)
 RoHS COMPLIANT MATERIALS.

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 9770 -- TYPE CMR C(UL)US
 24 AWG SHIELDED -- RoHS --
(LOT DESIGNATOR)
(SEQUENTIAL FOOTAGE)

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

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



CUSTOMER APPROVAL:

DATE:

Created 06/30/98	DRAWN: SGH 05/21/18	
REV. 12	CHECKED: ZRS 05/22/18	
TITLE T 1 CABLE -- TYPE CMR		
QUABBIN P/N	9770	1 of 2

XXXXX

3) ELECTRICAL CHARACTERISTICS


CAPACITANCE, MUTUAL
DIELECTRIC WITHSTANDING, MIN.
NEXT, TYPICAL
D.C. RESISTANCE, MAX. PER ASTM B258
IMPEDANCE, CHARACTERISTIC, NOM.

15 PF/FT. AT 1 MHz
1500V RMS
GREATER THAN 60 dB; 500 KHz TO 3.5 MHz
26.5 Ω/1,000'
100.0 Ω FROM 500 KHz TO 3.5 MHz
(± 10 Ω AT 0.772 MHz AND AT 1.544 MHz)
GREATER THAN 30 dB; 500 KHz TO 3.5 MHz

RETURN LOSS, TYPICAL
ATTENUATION:

FREQUENCY MHz	ATTENUATION dB/1000 FT MAX.
0.772	6.6
1.544	8.7
3.152	12.26

QUABBIN WIRE & CABLE

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TITLE		
T 1 CABLE -- TYPE CMR		
QUABBIN P/N	9770	2 of 2

CUSTOMER APPROVAL:

DATE: