

1) CONSTRUCTION:

CONDUCTOR: 24 AWG 7/32 STRANDED TINNED COPPER  
 INSULATION: POLYETHYLENE, .0075" NOM. WALL THICKNESS  
 CABLE: (2) COLOR CODED SINGLES TWISTED TOGETHER TO FORM A CABLE CORE. (32 +/- 2 TWISTS EVERY 2 FEET.)  
 JACKET: POLYVINYLCHLORIDE, (COLOR, PER CHART 1), .021" NOM. WALL THICKNESS OVERALL CABLE DIAMETER

NOM. DIA.  
 .024"  
 .039"  
 .078"  
 .120" MAX.  
 BY PI TAPE

2) PHYSICAL PROPERTIES:

TEMPERATURE RATING, MAX. 60°C & 75°C  
 WT./M', NOM., NET. 8.0 LBS.  
 CHART 1:

QUABBIN P/N	JACKET COLOR
5100	BLACK
5102	RED
5103	ORANGE
5104	YELLOW
5105	GREEN
5106	BLUE
5107	VIOLET
5108	GRAY
5109	WHITE
5110	BEIGE
5112	PINK

3) ELECTRICAL CHARACTERISTICS:

CAPACITANCE, MUTUAL, NOM. 15 PF/FT.  
 CHARACTERISTIC IMPEDANCE, NOM. 100 +/- 15 Ω FROM 1 TO 100 MHZ  
 DIELECTRIC WITHSTANDING, MIN 1500V RMS  
 VOLTAGE RATING, MAX. 300V  
 D.C. RESISTANCE, MAX. PER ASTM B286 26.2 Ω/1000'  
 ATTENUATION 1.2 [1.967 SQRT(F) + .023(F) + .050/SQRT(F)]  
 RETURN LOSS 1 - 10 MHZ 20 + 5 LOG (F) DB MIN  
 10 - 20 MHZ 25 DB MIN  
 20 - 350 MHZ 25- 8.6 LOG(F/20) DB MIN

4) AGENCY APPROVALS:

NEC (UL) TYPE CM  
 CSA TYPE CMG

5) APPLICATION:

RoHS COMPLIANT MATERIALS.

6) PRINT:

QUABBIN DATAMAX 5E 350 MHZ (P/N PER CHART 1\*) (UL) TYPE CM 24 AWG 75C -- CSA LL51726 TYPE CMG 60C -- TIA-568-C.2 CATEGORY 5e -- RoHS -- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE)

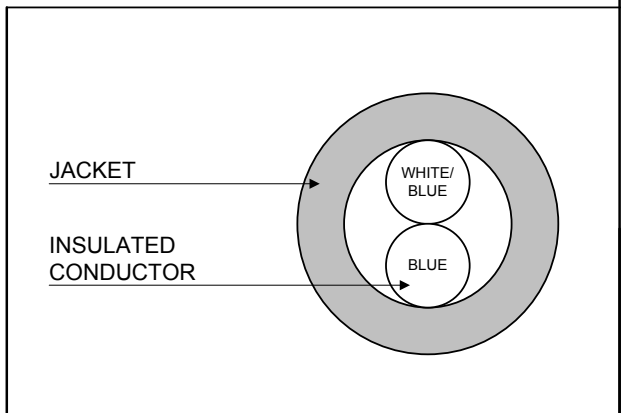
\*NOTE: "R" MAY BE ADDED TO SOME P/N IN PRINT TO DISTINGUISH FROM PREVIOUS NON-RoHS PRODUCT

7) COLOR CODE:

1. WHITE/BLUE
2. BLUE

8) PACKAGING:

TO BE PACKAGED AS PER QWC'S STANDARD PACKAGING



REVISION 01	DATE:	DRAWN B. Duczynski 12/20/10	
REVISED BY		CHECKED G. MURPHY 12/21/10	
CHECKED		CHECKED	
CHECKED		CUSTOMER APPROVAL: DATE:	TITLE 2/C 24 AWG PE/PVC CABLE -- TYPE CM, CSA CMG
			DRAWING # QWC0008 1 OF 1