

1) CONSTRUCTION:		NOM. DIA.
CONDUCTOR:	26 AWG 7/34 STRANDED TINNED COPPER	.019"
INSULATION:	POLYPROPYLENE, .010" NOM. WALL THICKNESS	.039"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS	.078"
CABLE:	(2) TWISTED PAIRS TWISTED TOGETHER AND WRAPPED WITH A CLEAR POLYESTER BINDER TO FORM A CABLE CORE.	.113"
SHIELD:	AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL OUT, 100% COVERAGE) WITH A 26 AWG 7/34 STRANDED TINNED COPPER DRAIN WIRE IN CONTACT WITH THE METALIZED SURFACE SHALL BE APPLIED OVER THE CABLE CORE.	.116"
JACKET:	POLYVINYLCHLORIDE, (COLOR, PER CHART 1), .022" NOM. WALL THICKNESS	.170" .180" MAX. O.D. (BY PI TAPE)
	OVERALL CABLE DIAMETER	

2) PHYSICAL PROPERTIES:
 TEMPERATURE RATING, MAX. 60°C
 WT./M', NOM., NET. 13.7 LBS.
 CHART 1:

QUABBIN P/N	JACKET COLOR
9604	BEIGE
9613	ORANGE

3) ELECTRICAL CHARACTERISTICS:
 SEE PAGE 2

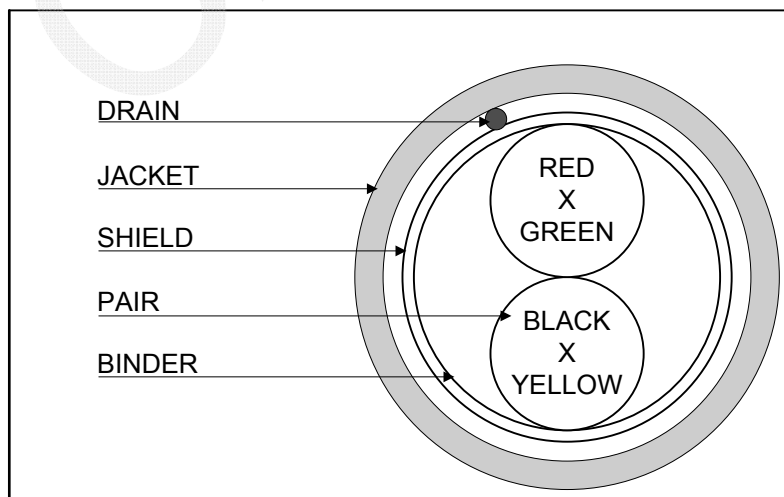
4) AGENCY APPROVALS:
 NEC (UL) TYPE CMR
 CEC C(UL) TYPE CMR
 UL AWM STYLE 2552

5) APPLICATION:
 SHIELDED FLEXIBLE PATCH/JUMPER CABLE TO SUPPORT CATEGORY 5 APPLICATIONS.
 RoHS COMPLIANT MATERIALS.

6) PRINT:
 QUABBIN DATAMAX SCREENED ISO 11801/EN50173 100 OHM PATCH CORD/JUMPER CAT 5
 P/N (**QWC P/N, PER CHART 1**) -- C(UL)US
 TYPE CMR 26 AWG SHIELDED OR AWM 2552 -- RoHS -- (**LOT DESIGNATOR**)
 (**SEQUENTIAL FOOTAGE**)

7) COLOR CODE:
 1. RED X GREEN
 2. BLACK X YELLOW

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



Created 09/18/18	DRAWN: SGH 09/18/18	
REV. 01	CHECKED: ZRS 09/18/18	
TITLE 2PR. SHIELDED 100 OHM PATCH CORD/ JUMPER -- CATEGORY 5 -- TYPE CMR		
DRAWING#		QWC0110
		1 of 2

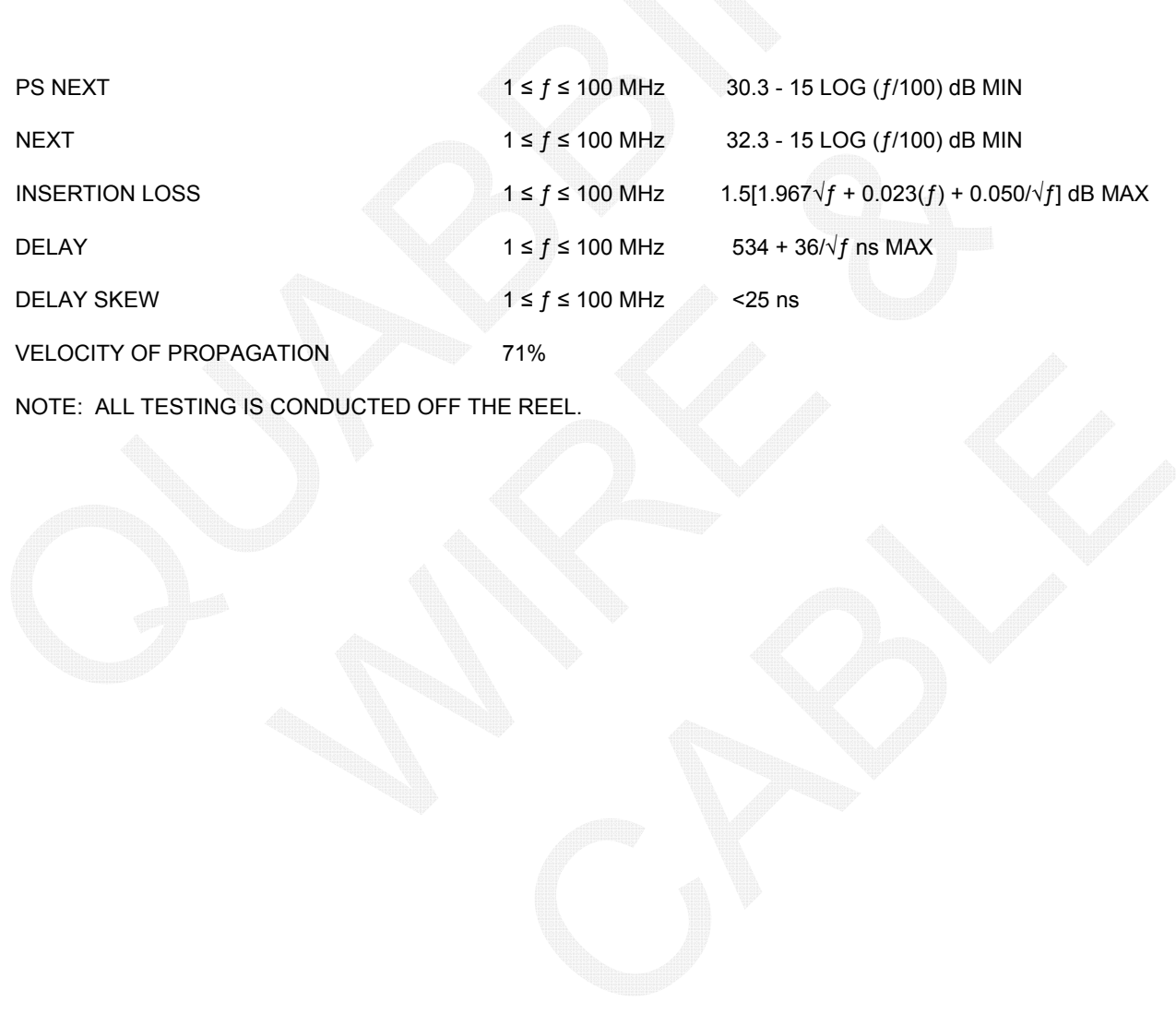
CUSTOMER APPROVAL: _____ DATE: _____

3) ELECTRICAL CHARACTERISTICS: (FOR 100m OF CABLE)

CAPACITANCE, MUTUAL	13.5 PF/FT. AT 1 MHz
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, MAX.	42.6 Ω /1000'
IMPEDANCE	100 \pm 15 Ω 1 - 100 MHz
IMPEDANCE, SMOOTHED	100 \pm 10 Ω TYPICAL 5 - 100 MHz

PS NEXT	$1 \leq f \leq 100$ MHz	30.3 - 15 LOG (f/100) dB MIN
NEXT	$1 \leq f \leq 100$ MHz	32.3 - 15 LOG (f/100) dB MIN
INSERTION LOSS	$1 \leq f \leq 100$ MHz	1.5[1.967 \sqrt{f} + 0.023(f) + 0.050/ \sqrt{f}] dB MAX
DELAY	$1 \leq f \leq 100$ MHz	534 + 36/ \sqrt{f} ns MAX
DELAY SKEW	$1 \leq f \leq 100$ MHz	<25 ns
VELOCITY OF PROPAGATION	71%	

NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.



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