	:: 26 AWG 7/34 STRANDED TIN		NOM. DIA.		
	.019" .039" MAX. .078"				
	POLYOLEFIN, .010" NOM. WA	.039" MAX.			
PAIRS:	COLOR CODED SINGLES TW	.078"			
CABLE:	(4) TWISTED PAIRS TWISTER	.149"			
	CLEAR POLYESTER BINDER TO FORM A CABLE CORE.				
SHIELDS:		POLYESTER FOIL SHIELD (FOIL OUT, 100%			
	,	LIED OVER THE CABLE CORE AND SHALL			
	CONTAIN A 26 AWG 7/34 STF				
	CONTACT WITH THE METAL				
	AWG TINNED COPPER BRAI				
	APPLIED OVER THE FOIL SH	.170"			
JACKET:	POLYURETHANE, (COLOR, F				
	THICKNESS (PRESSURE)	OVERALL CABLE DIAMETER	.220" ± .010" (BY PI TAPE)		
	A				
) PHYSICAL PROPE	RTIES: RE RATING, MAX.	75°C			
	RE RATING, MIN.	-40°C			
WT./M', NOM.,		32.6 LBS.			
UV RESISTAN	· · · · · · · · · · · · · · · · · · ·				
CHART 1:					
1010101					
QUABBIN P					
5730	BLACK				
5731	BLUE				
5732	TEAL				
	ALS: MEETS EU DIRECTIVE 2011/6	65/EU (RoHS II).			
) AGENCY APPROV EU CE MARK:) APPLICATION:		65/EU (RoHS II).			
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK	MEETS EU DIRECTIVE 2011/6		5e SF/UTP P/N (P/N		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN	IERS BLACK INK)	5e SF/UTP P/N (P/N		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE:	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH FAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT	5e SF/UTP P/N (P/N		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA IITE/BLUE	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE)	5e SF/UTP P/N (P/N		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH FAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN	5e SF/UTP P/N (P/N		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA IITE/BLUE WHITE/ORANGE	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID	BLU		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X V	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA HITE/BLUE WHITE/ORANGE VHITE/GREEN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID	BLU		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X V	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE RoHS (LOT DESIGNA HITE/BLUE WHITE/ORANGE VHITE/GREEN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID BHIELD BINDER	BLU X WHT/BLU		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X W	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE ROHS (LOT DESIGNA I) CE ROHS (LOT DESIGNA WHITE/ORANGE WHITE/ORANGE WHITE/GREEN WHITE/BROWN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID SHIELD BINDER RAID	BLU X WHT/BLU ORG X		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X W) PACKAGING: TO BE PACKA	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE ROHS (LOT DESIGNA I) CE ROHS (LOT DESIGNA WHITE/ORANGE WHITE/ORANGE WHITE/GREEN WHITE/BROWN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID BHIELD BINDER	BLU X WHT/BLU ORG X		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X W) PACKAGING: TO BE PACKA	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE ROHS (LOT DESIGNA I) CE ROHS (LOT DESIGNA WHITE/ORANGE WHITE/ORANGE WHITE/GREEN WHITE/BROWN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID SHIELD BINDER RAID	BLU X WHT/BLU ORG X		
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EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X W) PACKAGING: TO BE PACKA	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE ROHS (LOT DESIGNA I) CE ROHS (LOT DESIGNA WHITE/ORANGE WHITE/ORANGE WHITE/GREEN WHITE/BROWN	IERS BLACK INK) NDUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID BINDER PAIR JACKET Created DRAWN: 120 REV. 02 CHECKED: 120	BLU X WHT/BLU N WHT/ORG X WHT/ORG		
EU CE MARK:) APPLICATION:) PRINT: (WHITE INK QUABBIN DAT PER CHART 1) COLOR CODE: 1. BLUE X WH 2. ORANGE X 3. GREEN X W 4. BROWN X W) PACKAGING: TO BE PACKA	MEETS EU DIRECTIVE 2011/6 CON BLACK JACKET, ALL OTH TAMAX EXTREME DURABLE IN I) CE ROHS (LOT DESIGNA I) CE ROHS (LOT DESIGNA WHITE/ORANGE WHITE/ORANGE WHITE/GREEN WHITE/BROWN	IERS BLACK INK) DUSTRIAL ETHERNET PATCH CORD CAT TOR) (SEQUENTIAL FOOTAGE) DRAIN BRAID BINDER PAIR JACKET	BLU X WHT/BLU N WHT/ORG X WHT/ORG		

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CAPAC DIELEC VOLTA D.C. RI IMPED	CHARACTERISTICS: (FOR 100m OF 0 CITANCE, MUTUAL, NOM. CTRIC WITHSTANDING, MIN. GE RATING, MAX. ESISTANCE, MAX. ANCE, ANCE, SMOOTHED	OF CABLE) 13.5 PF/FT. AT 1 MHz 1500V RMS 300V 42.6 Ω/1000' 100 ± 15 Ω 1 - 100 MHz 100 ± 10 Ω TYPICAL 5 - 100 MHz		
RETUR	RN LOSS	1 ≤ <i>f</i> < 10 MHz 10 ≤ <i>f</i> < 20 MHz 20 ≤ <i>f</i> ≤ 100 MHz	20 + 5 LOG(<i>f</i>) dB MIN 25 dB MIN 25 - 8.6 LOG(<i>f</i> /20) dB MIN	
PS NEX	кт	1 ≤ <i>f</i> ≤ 100 MHz	32.3 - 15 LOG(<i>f</i> /100) dB MIN	
NEXT		1 ≤ <i>f</i> ≤ 100 MHz	35.3 - 15 LOG(ƒ/100) dB MIN	
PS ACE	RF	1 ≤ <i>f</i> ≤ 100 MHz	20.8 - 20 LOG(<i>f</i> /100) dB MIN	
ACRF		1 ≤ <i>f</i> ≤ 100 MHz	23.8 - 20 LOG(<i>f</i> /100) dB MIN	
INSER ⁻	TION LOSS	1 ≤ <i>f</i> ≤ 100 MHz	1.5[1.967 \sqrt{f} + 0.023(f) + 0.050/ \sqrt{f}] dB MAX	
DELAY		1 ≤ <i>f</i> ≤ 100 MHz	534 + 36/√ <i>f</i> ns MAX	
DELAY	SKEW	1 ≤ <i>f</i> ≤ 100 MHz	<25 ns	
LCL		1 ≤ <i>f</i> ≤ 100 MHz	-38 dB MIN	
VELOC	ITY OF PROPAGATION	68%		
VIIIIIIIII.				

QWC0069

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NOTE: ALL TESTING IS CONDUCTED OFF THE REEL.

		Created 12/19/13 DRAWN: 12/06/18 REV. 02 CHECKED: 12/07/18		
CUSTOMER APPROVAL:	DATE:	TITLE DATAMAX EXTREME DURABLE INDUSTRIAL ETHERNET PATCH CABLE – 4 PR SCREENED		
		DRAWING #	QWC0069	2 of 2