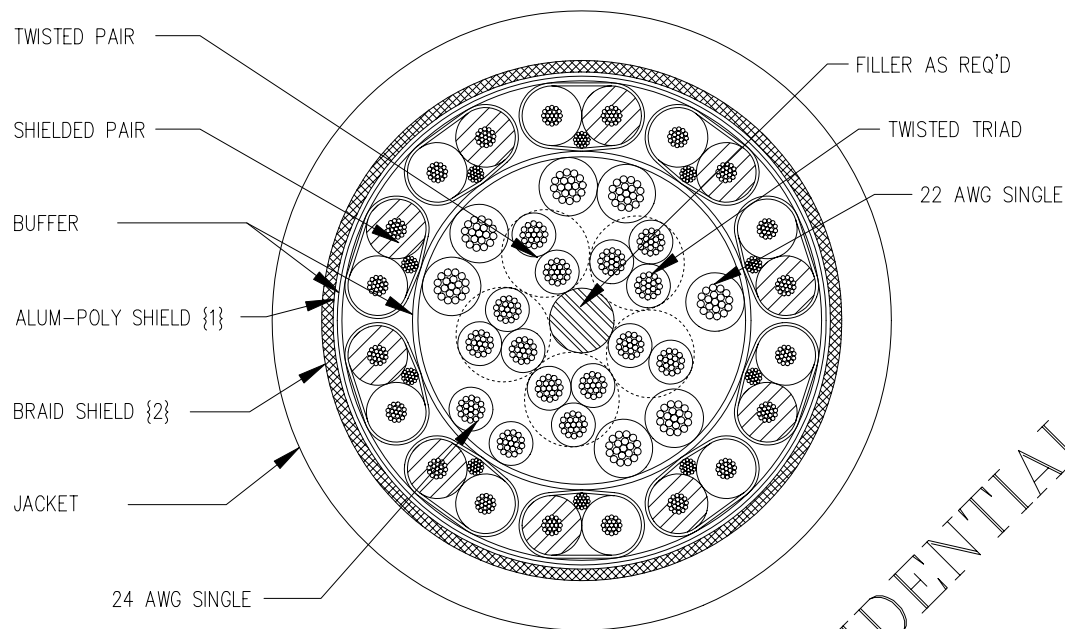




ELECTRICAL (SHIELDED PARALLEL PAIRS)

IMPEDANCE: $100\ \Omega \pm 10\%$ (DIFFERENTIAL TDR)
 CAPACITANCE: 40 pF / M NOMINAL
 PROP DELAY: 4.25 ns / M NOMINAL
 SKEW (WITHIN PAIR): $\leq 150\ \text{ps} / 15\ \text{M}$ (TDT METHOD, DRAIN GROUNDED)
 (DIFFERENTIAL 50%-50%, TEKTRONIX TDS-8000 OR 11801)
 SKEW (PAIR/PAIR): $\leq 750\ \text{ps} / 15\ \text{M}$ (TDT METHOD, DRAINS GROUNDED)
 (DIFFERENTIAL 50%-50%, TEKTRONIX TDS-8000 OR 11801)
 ATTENUATION (NOMINAL): 0.23 dB / M @ 65 MHz (455 Mbps LVDS)
 0.43 dB / M @ 227.5 MHz (455 Mbps LVDS)

PACKAGING: 40 FOOT MINIMUM LENGTH, FOUR LENGTHS MAXIMUM PER SPOOL

CONFORMANCE: RoHS COMPLIANT
 -30°C to +75°C TEMPERATURE RATING

ALL DIMENSIONS ARE INCHES UNLESS OTHERWISE NOTED

PHYSICAL

- (10) SHIELDED PARALLEL PAIRS
 26 AWG 19/38 TINNED COPPER
 .053 NOM DIAMETER FOAM POLYOLEFIN, ONE NATURAL, OTHER RED TINT
 PARALLEL PAIR WITH DRAIN: 28 AWG 19/40 TINNED COPPER
 .001 ALUMINIZED POLYESTER, FOIL IN, YELLOW, PRINT 1-10 ON SIDE
 OPPOSITE DRAIN, NUMBERS CLOCKED
 CLEAR POLYESTER, HEAT SEALED
- (7) 22 AWG SINGLES
 22 AWG 19/34 TINNED COPPER
 .052 NOM DIAMETER TPE, BK, BN, RD, OR, YL, GN, BU
- (2) 24 AWG SINGLES
 24 AWG 19/36 TINNED COPPER
 .039 NOM DIAMETER TPE, VI, GY
- (2) TWISTED PAIRS
 24 AWG 19/36 TINNED COPPER
 .039 NOM DIAMETER TPE
 TWISTED PAIR, WH/BK, WH/BN
- (3) TWISTED TRIADS
 24 AWG 19/36 TINNED COPPER
 .039 NOM DIAMETER TPE
 TWISTED TRIAD, GY/BK/BN, GY/RD/OR, GY/YL/GN
- CABLING:** FILLER & BINDER AS REQUIRED, SINGLES COLORS CLOCKED
BUFFER: POLYOLEFIN TAPE
OVERALL SHIELD {1}: .001 ALUMINIZED POLYESTER, FOIL OUT
OVERALL SHIELD {2}: 36 AWG TINNED COPPER BRAID, 85% MIN COVERAGE
JACKET: .045 NOM WALL TPE, BLACK (82 SHORE A NOMINAL, 15 SECOND)
DIAMETER: .550 $\pm$.020
PRINT LEGEND: AMPHENOL SPECTRA-STRIP SKEWCLEAR® 10 PAIR COMPOSITE
 ROHS COMPLIANT 166-0099-968 REV 7 <DATE CODE>

REVISION	CHANGES
4	JACKET DIAMETER
5	JACKET DIAMETER, ATTENUATION
6	JACKET DUROMETER
7	PACKAGING NOTE

DRAWN BY	PROD ENG	QA	MKT	P/ECN #	DRAWING NO. 166-0099-968	AMPHENOL SPECTRA-STRIP 720 SHERMAN AVENUE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev 7 SHEET 1 of 1
GPV					TITLE: (10) SHIELDED PAIR COMPOSITE CABLE		
02-15-06					RoHS SKEWCLEAR®		

Mouser Electronics

Authorized Distributor

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