


We have reviewed this document and find it accept as detailed.

Signature:  Date: 17-MAY-06
 Name (Print): JASON J. CERNY
 Title: DESIGN ENGINEER
 Company: LEONI WIRING SYSTEMS

- Color Code:
 1: White
 2: White/Red
 3: White/Yellow
 4: White/Black

Cable Assembly:
 4.4 Twist/ft, min.
 Clear Mylar Core Tape, 25% overlap, min.

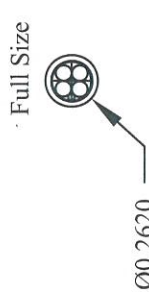
Drain Wire: 18 AWG (16x30) TC Aluminum/Mylar Tape, 25% overlap, min. (foil facing in)

Industry Approvals:
 UL: AWM Style 2464, 80C/300V
 UL: CM, 75C
 UL: VW-1
 CSA: CMG, 60C
 CSA: FT4

EU Directive 2002/95/EC (RoHS) California Proposition 65

Physical & Mechanical Properties:
 Temperature Range: -20C to 80C
 Bend Radius: 10 X Cable diameter
 Pull Tension: 63 Lbs, maximum

Electrical Properties: (For engineering purposes only)
 Voltage Rating: 300Vrms
 Capacitance: 51 pF/ft @1 kHz, nominal conductor to conductor
 Ground Capacitance: 92 pF/ft @ 1 kHz, nominal
 Inductance: 0.18 microhenry/ft, nominal
 Conductor DCR: 7.2 Ohms/1000 ft @ 20C, nominal
 Shield DCR: 6.1 Ohms/1000 ft @ 20C, nominal

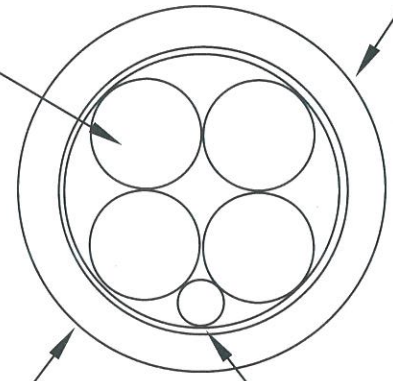


REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
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4-17-06 Rev. 03: Added RoHS to print legend and included ripcord.

Insulated Conductor, No. 18 (16x30) TC with PVC Insulation, 0.016" nominal wall



PVC Jacket, Black
 0.032" nominal wall
 Nylon ripcord under jacket
 Clear Mylar Core Tape,
 18 AWG (16x30) TC
 drain wire between tapes
 Alum/Mylar Tape
 (foil facing in)

Diameter: 0.262" nominal,
 0.273" maximum

Print Legend:
 ALPHA WIRE- P/N 810240 4/C 18 AWG XTRA GUARD 1SHIELDED 75C (UL)
 TYPE CM OR AWM 2464 --- LLXXXXXX CSA CMG FT4 CE ROHS



alpha

Alpha Wire Company
 Elizabeth, NJ 07207-0711

Alpha Wire Communication and Control Cable

Part Number 810240

SIZE (A)	Issue Date: 2/14/06 - 4/17/06	Revised	DWG NO.	Issue 03
SCALE: NTS	GK	2-14-2006	SHEET	1 of 1