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Design Specification
Part Number: 35170

Description: 4 Element Composite Control Riser Cable Nom. O.D.

Element 1 Construction: 4/C #18 AWG Unshielded Cable

Conductors: #18 7/strand bare copper
 Insulation: .008 nom wall Semi-Rigid PVC .062
 Core Assembly: 4 conductors cabled together with a 3" LHL
 Color Code: Black, White, Red, Green
 Jacket: 0.014" nominal wall White PVC with an extruded .180
 longitudinal violet stripe. Parallel rip cord located under jacket
 Print: LOCK=POWER=E111272(01-12345)18AWG4C=CMR=C(UL)US
 =OR=(UL)=CL3R=RoHS
 12" REPEAT

Element 2 Construction: 3pr #22 AWG Shielded Cable

Conductors: #22 7/strand bare copper
 Insulation: .008 nom wall Semi-Rigid PVC .045
 Pairs: 2 conductors twisted together with a LHL
 Core Assembly: 3 twisted pairs cabled together with a 2 1/2" LHL
 Color Code: Green-White, Black-Red, Brown-Orange
 Shield: Aluminum/polyester tape helically applied over core, foil out
 Drain Wire: #24 7/strand tinned copper helically applied over foil
 Jacket: 0.014" nominal wall White PVC with an extruded .180
 longitudinal yellow stripe. Parallel rip cord located under jacket
 Print: CARD=READER=E111272(01-12345)22AWG3PR=SHLD=CMR=C(UL)US=OR=(UL)=CL3R=RoHS 12" REPEAT

Element 3 Construction: 2/C #22 AWG Unshielded Cable

Conductors: #22 7/strand bare copper
 Insulation: .008 nom wall Semi-Rigid PVC .045
 Core Assembly: 2 conductors cabled together with a 2" LHL
 Color Code: Black-Red
 Jacket: 0.014" nominal wall White PVC with an extruded .120
 longitudinal green stripe. Parallel rip cord located under jacket
 Print: DOOR=CONTACT=E111272(01-12345)22AWG2C=CMR=C(UL)US=OR=(UL)=CL3R=RoHS 12" REPEAT

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	35170
35170	.03	11/6/12	PA	RHW	Temp Rating	
35170	.02	4/23/12	PA	RHW	LOGOS	
35170	.01	10/22/07	2me	RHW	Initial release	

Element 4 Construction: 4/C #22 AWG Unshielded Cable

Conductors: #22 7/strand bare copper
 Insulation: .008 nom wall Semi-Rigid PVC .045
 Core Assembly: 4 conductors cabled together with a 2" LHL
 Color Code: Black, White, Red, Green
 Jacket: 0.014" nominal wall White PVC with an extruded .140
 longitudinal red stripe. Parallel rip cord located under jacket
 Print: REX=SPARE=E111272(01-12345)22=AWG=4C=CMR=C(UL)US=OR
 =(UL)=CL3R=RoHS 12" REPEAT

Cable Core: 1 of each element cabled together with a 14" nominal LHL .360

Overall Jacket: .022" nominal wall Green PVC. .405
 Parallel rip cord located under jacket
 Print: E111272(01-12345)22=AWG=12C=&18=AWG=4C=CMR=C(UL)US=OR
 =(UL)=CL3R=RoHS=000002 24" REPEAT
 Sequential footage markers provided every 2 feet

Specifications: UL 13, Power Limited Circuit Cable
 UL 444, Communication Cables
 UL 1666 Riser Flame Test
 NEC Article 725 And 800

Temp. Rating: -10 Degrees C to +60 Degrees C
 Voltage Rating: 300 Volts AC

Certifications: UL Listed Type CL3R
 UL and cUL Listed Type CMR
 California State Fire Marshal Approved

Signature: _____



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						35170
35170	.03	11/6/12	PA	RHW	Temp Rating	
35170	.02	4/23/12	PA	RHW	LOGOS	
35170	.01	10/22/07	2me	RHW	Initial release	Page 2 of 1