



Design Specification
Part Number: 5170

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 longitudinal violet stripe. Parallel rip cord located under jacket	.180
Print:	LOCK=POWER=E111272(01-12345)=18=AWG=4C=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 longitudinal yellow stripe. Parallel rip cord located under jacket	.180
Print:	CARD=READER=E111272(01-12345)=22=AWG=3PR=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 longitudinal green stripe. Parallel rip cord located under jacket	.120
Print:	DOOR=CONTACT=E111272(01-12345)=22=AWG=2C=CMR=C(UL)US=OR= (UL)=CL3R====RoHS 12" REPEAT	

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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

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

Signature: _____

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