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Design Specification
Part Number: 34237

DESCRIPTION: 16 AWG 2 conductor shielded fire alarm cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors:	16 AWG solid bare copper	
Insulation:	0.007" nominal wall SR PVC	.065
Core Assembly:	2 conductors cabled together with a 2.25" left hand lay	
Shield:	Aluminum/polyester tape helically applied with the foil side out	
Drain Wire:	24 AWG 7 strand tinned copper helically applied over the foil shield	
Jacket:	0.014" nominal wall Red PVC	.161
	Parallel rip cord located under jacket.	

COLOR CODE: Black, Red

SPECIFICATIONS: UL 1424, Power-Limited Fire-Protective Signaling Circuit Cables
 UL 1666 Riser Flame Test
 NEC Article 760

CERTIFICATIONS: UL Listed Type FPLR
 California State Fire Marshal Approved
 EU RoHS Directive

ELECTRICAL CHARACTERISTICS:

Capacitance: 72 pF/ft nominal conductor to conductor @ 1 KHz
 DC Resistance: 4.18 ohms/Kft max @ 20C

SIGNATURE: _____ DATE: _____

DRAWING	REV.	DATE	DRWN.	APP.	REMARKS	
34237	.06	1/10/13	BC	PA	Drain	34237
4237	.05	10/14/08	2me	RHW	Add lay	
4237	.04	07/21/06	rhw	RHW	add RoHS	
4237	.03	06/17/04	2me	RHW	Revised and redrawn	Page 1 of 1