

601725



SHEET 1

REVISIONS: SAX 829 4/1/04	SAX 872 4/29/04
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1. Conductor material shall be tinned copper. Cables of an #18 AWG construction shall have 41 strands of #34 copper. Cables of a #16 AWG construction shall have 65 strands of #34 copper. There must be a paper separator between the conductor and the conductor insulation. Color coding shall be as listed below.
2. Conductor insulation of Bun N or EPR is desirable. Other types of material may be substituted, however they must be capable of withstanding temperatures of 160°C for periods of up to one hour.
3. The overall jacket shall be of a thickness consistent with standard SO and SJO type cables. Jacketing material shall be Hypalon with a minimum Hypalon content of fifty percent (50%). The color of the outer jacket shall be black. Hypalon jacket does not apply to 601725-1 or 601725-8.
4. The outer jacket shall be round and free of deformations. Surface irregularities caused by the conductor stranding are not acceptable. Any deformities in the outer jacket such as voids, pin holes, thin insulation, or other conditions which might allow fluids to penetrate are not acceptable.
5. The outer jacket diameter shall be as listed for each cable. The cable diameter must meet the specified diameter at all points along the cable jacket.
6. All cable shall be surfaced printed with cable type, size and "Crouse-Hinds Electro" with approx 1 foot interval between printed data.
7. Deleted
8. Any reel with random lengths shall be identified as such by the number of pieces and the length of each piece from the inside to the outside of the reel.
9. 601725-1 & 601725-8 only: Do not print "Crouse-Hinds Electro". Marking to be (as an example): #18-2/C SJO P-136-49-MSHA, to repeat, beginning every 2 inches. Manufacturer's name shall not appear on cable. Durability of marking must be capable of passing the test specified in UL 1581, Paragraph 1690. Objective evidence of acceptance must be provided for each shipment.

ACAD~ HDW ACAD~ FILE= 601725
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REVISIONS: SAT601
12/31/98

PART NO.	AWG	COND.	TYPE	NOM. O.D.	REEL SIZE	REMARKS
601725-1	#18	2	SJO	.315/.280	5000 FT.	MSHA APPROVED, FLAME RESISTANT, 300 VOLT DO NOT CHANGE WITHOUT MSHA APPROVAL
601725-2	#18	4				OBSOLETE, USE 601336-2
601725-3	#18	6	SO	.540/.500	500 FT.	
601725-4	#18	8	SO	.570/.530	500 FT.	
601725-5	#16	2				OBSOLETE, USE 601319-4
601725-6	#16	3	SO	.430/.385	1000 FT.	
601725-7	#16	4	SO	.460/.410	1000 FT.	
601725-8	#18	2	SJO	.310/.290	5000 FT.	MSHA APPROVED, FLAME RESISTANT, 300 VOLT CABLE JACKET MUST BE NEOPRENE, NO SUBSTITUTION. DO NOT CHANGE WITHOUT MSHA APPROVAL. <i>AIW P/N 67759-02500R</i>

601725

COOPER
Crouse-Hinds Molded Products

SHEET 2

COLOR CODE

4	GREEN	8	RED/BLK STRIPE
3	RED *	7	WHITE/BLK STRIPE
2	WHITE	6	BLUE
1	BLACK	5	ORANGE
COND#	COLOR	COND#	COLOR

* COND # 3 IS GREEN FOR 3/C CABLE ONLY

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