

BULK CABLE SPECIFICATION

SPECIFICATION		UL STYLE:2725; [(24AWG*2)+M]+2S		CONSTRUCTION DWG.
CONSTRUCTION ITEM		COMPONENT		
CONDUCTOR	CONSTRUCTION AWG	AWG	24	
	CONDUCTIVE SIZE	No/mm	42/0.08±0.008	
	MATERIAL		BARE COPPER	
INSULATOR	MATERIAL		SR-PVC	COLOR CODE 1.RED; 2.BLACK
	DIAMETER	mm	1.20±0.08	
	AVERAGE THICKNESS	mm	0.30REF.	
	INSULATORS No.	PCS	2	
OUT LAYER	MATERIAL		MYLAR	
	COVERAGE	%	100	
	OVERLAPPING	%	25	
INNER JACKET	MATERIAL		PVC	
	DIAMETER	mm	3.40±0.15	
	AVERAGE THICKNESS	mm	0.50REF.	
	COLOR		BLACK	
SPIRAL SHIELD A	MATERIAL		BARE COPPER	
	CONDUCTIVE SIZE	No/mm	95(+0/-5)/0.10±0.008	
	COVERAGE	%	95	
SPIRAL SHIELD B	MATERIAL		BARE COPPER	
	CONDUCTIVE SIZE	No/mm	102(+0/-5)/0.10±0.008 ^B	
	COVERAGE	%	95	
JACKET	MATERIAL		PVC	
	DIAMETER	mm	6.60±0.15	
	Min. AVERAGE THICKNESS	mm	1.0REF.	
	COLOR		BLACK	
ELECTRICAL CHARACTERISTICS ^B		PHYSICAL CHARECTERISTICS ^B		AWM 2725 30V 80°C VW-1 EXXXXXX NOTE Exxxxx: UL FILE NUMBER
1.RATING: VOLTAGE:30V TEMPERATURE:80°C 2.INSULATION RESISTANCE: 100 MΩ/10 M Min. AT 20°C(SR-PVC) 3.CONDUCTOR RESISTANCE: 94.2 Ω/KM Max. AT 20°C(24AWG) 4.DIELECTRIC STRENGTH: 500V r.m.s FOR 1 MINUTE		1.UNAGED TENSILE STRENGTH:≥3000PSI(SR-PVC); ≥1500PSI(PVC). ELONGATION:≥100%; 2.AGED PERCENT OF ORIGINAL TENSILE STRENGTH:≥70%(SR-PVC); ≥70%(PVC) PERCENT OF ORIGINAL ELONGATION:≥70%(SR-PVC); ≥65%(PVC) 3.ROHS & REACH COMPLIANCE		
				MARKING(WHITE) ^B
				PACKAGING
		P/N	PACKAGING	
		XLR-BULK-250	250FT PER REEL	
		XLR-BULK-500	500FT PER REEL	

Approved by: Thomas_Lu 10.Feb.2010 Checked by: Frank_Mao 10.Feb.2010

Prepared by: Bill_Zhang 10.Feb.2010

VERSION	DESCRIPTION	DATE	APPROVED
B	ECN 8425; UPDATED TO CURRENT VENDOR SPEC	07/26/16	B.Zhang
A	INITIAL RELEASE	02/10/10	B.Zhang