

DYDEN CORPORATION

ELECTRIC WIRES
& CABLES PRODUCTS

DATE May, 22, 2014

SPEC. No.FSC14-373

SPECIFICATION

FOR

Special Elastomer INSULATED
AND PVC JACKETED CABLE

(RMDV-K r (c21885))

RoHS correspondence



signed by *K. Nishimura*
K. NISHIMURA

Manager
Engineering section
Engineering dept
Factory Automation & Robot Cable Division

1. SCOPE

This specification covers the construction, characteristics of the Special Elastomer insulated and PVC jacketed cable .

2. SYMBOL, SIZE

The symbol and size of the cable shall be
 " RMDV-Kr(c21885) AWG20/2C "

3. ADAPT STANDARD

Adapt Standard		UL STANDARD [UL 758]	CSA STANDARD [C22.2 No. 210.2]
Authentication		U L AWM	c U L AWM
Form		Style No. 2 1 8 8 5	C S A AWM I A B
Rating	TEMP.	1 0 5 °C	1 0 5 °C
	VOLT.	6 0 0 V	6 0 0 V
USE		Internal Wiring.	I : Internal A : Not subject to mechanical abuse. B : May be subject to mechanical abuse.

4. CONSTRUCTION


The construction of the cable shall conform to Table 1.

5. CHARACTERISTICS

The characteristics of the cable shall be shown in Table 2.

6. MARKING

The following information shall be indicated with a suitable method to the cable.

" —DYDEN E91337 c  us AWM 105C 600V 21885 HF I A/B FT2 LFV RMDV-Kr AWG20/2C — "

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Table 1 Construction

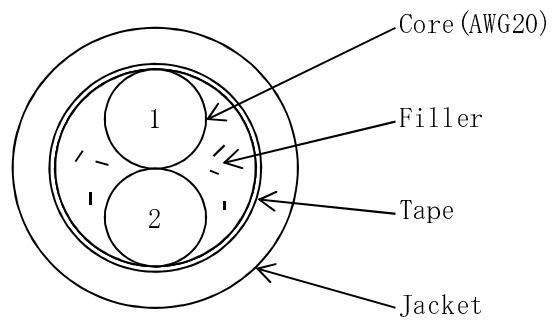
I T E M		V A L U E
Symbol		RMDV-Kr(c21885)
Size	AWG	20
Conductor	Material	Annealed Copper
	Construction(No./mm)	110/0.08
	Dia. (approx. mm)	0.97
Insulation	Material	Special Elastomer
	Thickness (approx. mm)	0.20
	Dia. (approx. mm)	1.37
Stranding	Center layer	2 C
Tape	—	Binder tape
Jacket	Material(color)	Flame retardant • Oil resistant PVC (Black)
	Thickness (approx. mm)	0.85
Overall diameter (approx. mm)		4.5 (max 4.8)
Approx. mass (kg/km)		30

Table 2 Characteristics (at 20°C)

I T E M	S T A N D A R D V A L U E
Max. DC resistance of conductor (Ω /km)	38.9
Min. insulation resistance ($M\Omega$ -km)	100
Dielectric strength (V/min)	AC 2000

F i g 1

C r o s s - S e c t i o n o f C a b l e



Core	Colors
1	Black
2	White

NOT TO SCALE