DYDEN CORPORATION

ELECTRIC WIRES
& CABLES PRODUCTS

DATE Aug,17, 2016
SPEC. No.FSC16-588

SPECIFICATION

FOR

CROSS-LINKED POLYETHYLENE(XLPE) INSULATED
AND PVC JACKETED CABLE

(RMCV－Kr(21911))

RoHS correspondence

signed by S. Maeda
S.MAEDA

Manager
Engineering section
Engineering dept
Factory Automation & Robot Cable Division

1. SCOPE

This specification covers the construction, characteristics of the Cross-Linked Polyethylene(XLPE) insulated and PVC jacketed cable .

2. SYMBOL,SIZE

The symbol and size of the cable shall be

″ RMCV-Kr(21911) AWG17/2C ″

(1.25㎟/2C)

3. UL STANDARD

RECONGNIZED by UNDERWIRITERS LABORATORIES Inc.

STYLE No.	21911 (UL 758 : AWM)
Rating TEMP.	80℃
VOLT.	300V
USE	Internal wiring.

4. FLAME TESTING

The cable shall pass the Horizontal flame test (HF) described in UL1581, Paragraph 1090.

5. CONSTRUCTION

The construction of the cable shall conform to Table 1.

6. CHARACTERISTICS

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

7. MARKING

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

″ ―DYDEN E91337 AWM 21911 80C 300V HF -LF- RMCV-Kr AWG17/2C ― ″

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Symbol		RMCV-Kr(21911)
Size	AWG(㎟)	17 (1.25)
Conductor	Material	Annealed Copper
	Construction(No.／mm)	7/33/0.08
	Dia.(approx.mm)	1.59
Insulation	Material	XLPE
	Thickness(approx.mm)	0.50
	Dia.(approx.mm)	2.59
Stranding	Center layer	2 C
Tape	－	Binder tape
Jacket	Material(color)	Flame retardant・Oil resistant PVC (Black)
	Thickness(approx.mm)	1.0
Overall diameter(approx.mm)		7.3
Approx. mass(kg／km)		65

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Max.DC resistance of conductor(Ω/km)	17.6
Min.insulation resistance (MΩ-km)	100
Dielectric strength (V/min)	AC 2000

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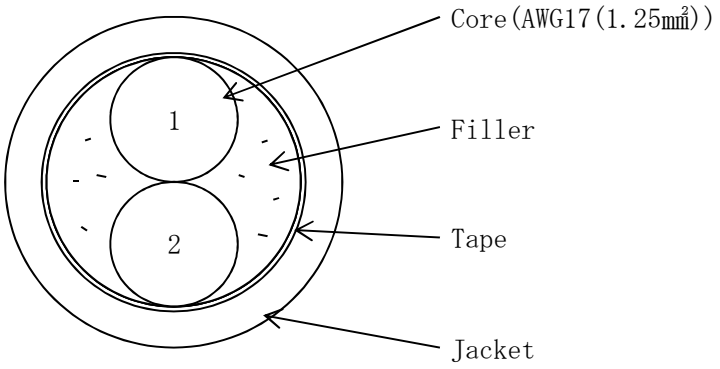

CoreNo.	Colors
1	Black
2	White

NOT TO SCALE