DYDEN CORPORATION

ELECTRIC WIRES
& CABLES PRODUCTS

SPECIFICATION

FOR

ETHYLENE TETRAFLUOROETHYLENE (ETFE) INSULATED
AND PVC JACKETED CABLE
(RMFES-Kr(2517))

RoHS correspondence

signed by _____

Y. KAWANAMI

Manager
Engineering section
Engineering dept
Factory Automation & Robot Cable Division

1．SCOPE
   This specification covers the construction, characteristics of the Ethylene
   Tetrafluoroethylene (ETFE) insulated and PVC jacketed cable.

2．SYMBOL,SIZE
   The symbol and size of the cable shall be
         ” RMFES-Kr(2517)　AWG15/12C ”
                           (2㎟/12C)

3．UL STANDARD
        RECOGNIZED by UNDERWRITERS LABORATORIES Inc.

STYLE No.	2517 (UL 758 : AWM)
Rating TEMP.	105℃
VOLT.	300 V
USE	External interconnection of electronic equipment or internal wiring of electronic equipment or appliances.

4．FLAME TESTING
   The cable shall pass the vertical wire flame test (VW-1) described in
   UL1581, Paragraph 1080.

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.
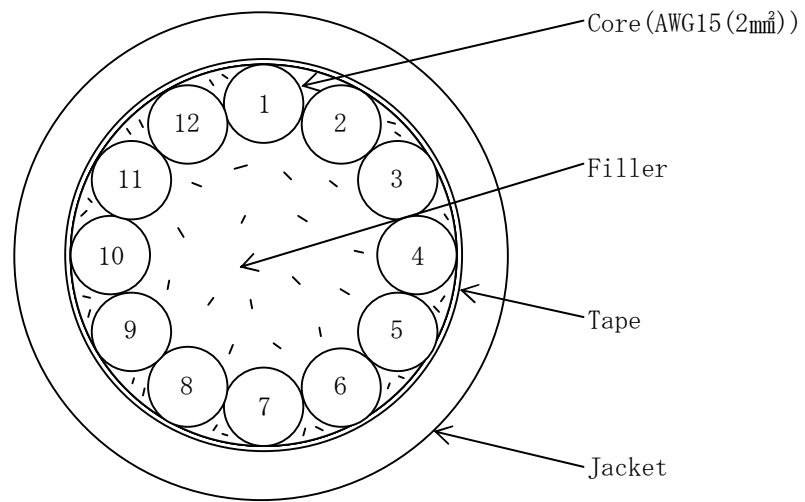   “ ━DYDEN E91337 ⩗ AWM 2517 105C 300V VW-1 -LF- RMFES ━ ”

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Table 1 Construction

ITEM		VALUE
Symbol		RMFES-Kr(2517)
Size	AWG(mm²)	15(2)
Conductor	Material	Tinned Annealed Copper
	Construction (No. /mm)	7/57/0.08
	Dia. (approx.mm)	2.00
Insulation	Material	ETFE
	Thickness(approx.mm)	0.30
	Dia. (approx.mm)	2.60
Stranding	Center layer	12 C
Tape	―	Binder tape
Jacket	Material(color)	Low frictional・Smooth PVC (Black)
	Thickness(approx.mm)	1.3
Overall diameter(approx.mm)		15.5
Approx. mass(kg/km)		380

Table 2 Characteristics (at 20℃)

ITEM	STANDARD VALUE
Max.DC resistance of conductor (Ω/km)	10.8
Min. insulation resistance (MΩ-km)	100
Dielectric strength (V/min)	AC 2000

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Core(AWG15(2㎟))

Filler

Tape

Jacket

CoreNo.	Colors
1	Black
2	White
3	Red
4	Green
5	Yellow
6	Brown
7	Blue
8	Orange
9	Gray
10	Purple
11	Light blue
12	Pink

NOT TO SCALE