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1<sup>st</sup> Revision 1 / 2

Item name	Heat resistant PVC insulation cable 11/0.16 3P HRV(AL)-SV(2517) OJ	Section	Electric Cable Solution Div.	
		Issue date	January 18 <sup>th</sup> , 2017	
Note		Approved by	Checked by	Designed by
		Takagi	Tsukada	Kagaya

## 1. Application

This specifications shall cover the heat resistance PVC insulation cable which conforms to UL 2517,

Rating: 105°C 300V      Usage temperature: -20°C~105°C

Application: Indoor for fixed part

## 2. Structure

Item		Specifications
Conductor	Type	Tinned annealed copper wire
	Stranding PCS/mm	11 / 0.16
	Diameter (Nominal)	0.62 mm
Insulator	Type	Heat resistance PVC
	Color	Brown, White, Green, Yellow, Grey, Pink
	Thickness (Nominal)	0.42 mm
	Diameter (Nominal)	1.46 mm
Twisting	Composition	Brown × White, Green × Yellow, Grey × Pink
Taping	Composition	After twisting, alumina polyester tape is overlapped
Assembly	Stranding	See figure 1
	Taping	After twisting, a paper is wound.
Braided Shield	Type	Tinned annealed copper wire
Sheath	Type	Heat resistant PVC
	Color	Orange ( Marking: OJ )
	Thickness (Nominal)	0.9 mm
	Diameter (Nominal)	7.5 mm
	Marking	OKI ELECTRIC CABLE · AWM 2517 105C 300V VW-1
Finish product	Standard length	1000 m
	Packing	Drum
Cross-section view		See figure 1

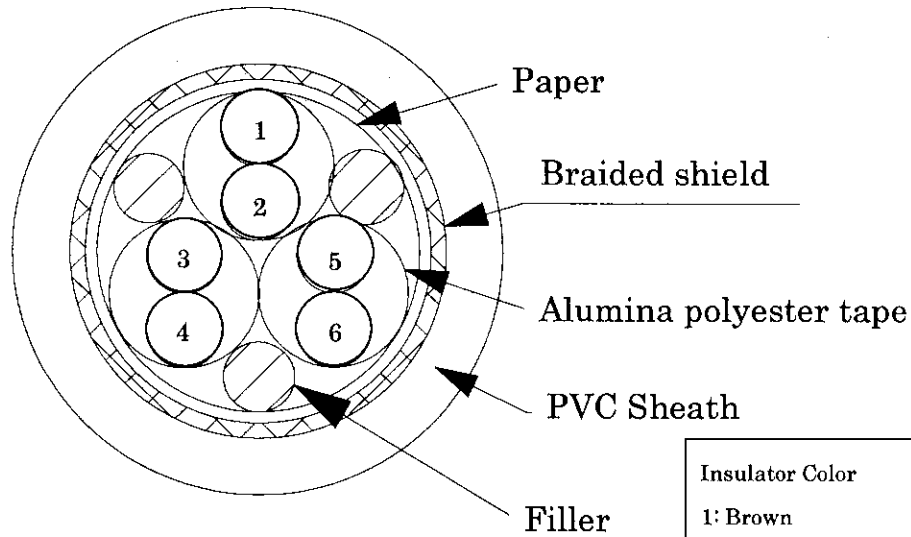


Figure 1 Cross section figure

3. Cable feature

Item		Performance
Electric performance	Conductor resistance $\Omega/k m (20^{\circ}C)$	89 or less
	Insulator resistance $M \Omega k m (20^{\circ}C)$	10 or more
	Dielectric Voltage V-min	AC 2000
UL	UL style	2517
	Flame resistance	VW-1
Bending radius		4 times of cable diameter

4. Environmental Measures

This product is RoHS compliant.

5. Validity

This specification is valid for one year. However, it shall be automatically renewed for an additional one year, except that either party notifies the other of its intent not to renew the contract, if such notification is submitted in writing at least three months prior to the date of automatic renewal as noted above.