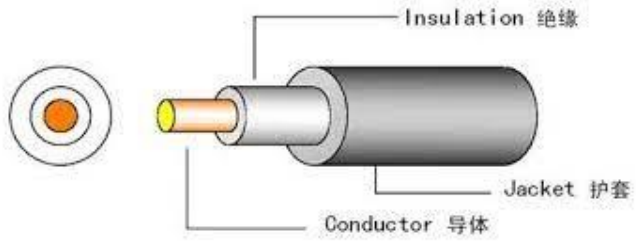
Product Specifications



HCV PV-CC

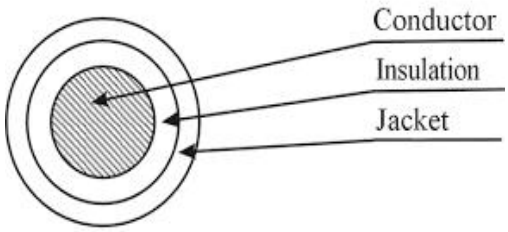
Material characteristics / standard

Fireproof performance:IEC 60332-1&IEC 60332-3-24

Smoke emission:IEC 61034& EN 61034-2

Low fire load:DIN51900

certificate&Standard: UL 4703



Construction

•Conductor-Annealed copper strands.

•Insulation-XLPE according to ROHS standard.

•Jacket- XLPE or oil resistance PVC according to ROHS standard.

Advantages

●E-beam cross-linked compounds,High resistance against UV, ozone and hydrolyzation.

●High temperature resistance, materials will not melt or flow.Flexibility under cold conditions.

●Long usable life, expected usable life over 25 years (90℃).

Product Specifications

Application

Normally applied in power control under dry and wet environment, able to be appliedon outdoors, installed through tubes and straight underground.

Electrical performance

Rated Voltage:600/1500V

Operation temperature: -40℃~+120℃

Ambient temperature: -40℃~+90℃

Maximum short circuit temperature: 280℃ +536°F, 5s

Fixed setting: >4xϕ Moves on occasion: >5xϕ

序号 No.	结构 nxmm²	导体 Conductor	结构 Specification	外径 OD	最大电阻 Max mΩ/m	载流量 A
1	HCV 1X2.0	CU	7/0.6	6.3	9.24	30
2	HCV 1X3.5	CU	7/0.8	6.8	5.20	41
3	HCV 1X5.5	CU	7/1.0	7.8	3.33	55
4	HCV 1X8.0	CU	7/1.2	8.1	2.31	83
5	PV-CC 1X2.0	CU	7/0.6	5.5	9.24.	30
6	PV-CC 1X3.5	CU	7/0.8	6.1	5.20	41
7	PV-CC 1X5.5	CU	7/1.0	6.8	3.33	55
8	PV-CC 1X8.0	CU	7/1.2	7.4	2.31	83

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