

Product Specification

Reference Standard 型号规格	:PV1-F	customer code 客户代码	: WSY-038
Peak Operating Voltage 额定电压	: 1800V DC	Process Number 工艺编码	: 180 02500 02 2 02
High voltage Test 测试电压	: 6500V/5min	Form Rev 版本	: A/1
Ambient temperature 环境温度	: -40~+90°C (Max. Temperature at conductor 导体最高温度: +120°C)		

Size 规格	Unit	2X25mm ²
Conductor 导体		Stranded tinned copper wire 多股绞合镀锡铜丝. Acc.To EN 60228、AS/NZS1125
- Material 材质		
- No. of wire / wire diameter 铜丝根数 / 单根铜丝直径	No. / mm	192/0.40 ± 0.01
Insulation 绝缘层		XLPO (RoHS)
- Material 材质		
- Nominal thickness 平均厚度	mm	1.3
Approximate overall diameter 芯线近似外径	mm	9.40 ± 0.5
- Core colour 芯线颜色	-	(+) Red 红色、 (-) Black 黑色
Sheath 外护套		XLPO (RoHS) (outer layer cannot be seperated)
- Material 材质		
- Colour 颜色	mm	Black 黑色
- Nominal thickness 平均厚度	mm	1
Approximate overall diameter 电缆近似外径	mm	23.5 ± 1.5 X 11.6 ± 0.8
Bending Radius 电缆弯曲半径		6 x D (D=cable overall diameter 电缆外径)
- Fixed application - 最小弯曲半径 (固定安装)		
Electrical Characteristics 电气参数		
Maximum conductor resistance DC at 20°C 导体最大阻抗 DC at 20°C	导 Ohm/km	0.795
		Acc.To EN 60228、AS/NZS1125

Due to variables in production, the information on this sheet is approximate and subject to change without notice.
 由于在生产中的变量, 对本表中的信息是近似值, 如有变更, 恕不另行通知。

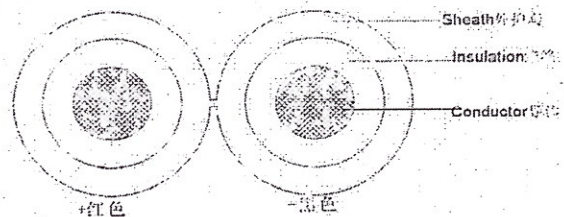
Cable Marking 电缆标记 White 白色

电缆印字: (+) POLE CARDIFF CABLE 2PFG 1169 PV1-F 25mm²
 1/1.8KVDC WARNING - DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE (+) POLE

(-) POLE CARDIFF CABLE 2PFG 1169 PV1-F 25mm²
 1/1.8KVDC WARNING - DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE (-) POLE

Type of print 打印类型: **INK-JET 1 line**

Product sectional view 截面图



Acknowledge and accepted by 承认和接受的:

prepare 编制:

check 审核:

approve 批准:

Product Specification CSO-F8TUV35

Specification : PV1-F Customer code : ~~W3Y-027-040~~
 Rated Voltage : 1800V DC (conductor/conductor, non earthed system) Process Number :180 03500 02 4 00
 Voltage Test : 6500V*5min Form Rev : A/0

Ambient temperature : -40~+90°C (Max. Temperature at conductor: +120°C)

Size	Unit	2X35mm ²
Conductor		Acc.To EN 60228、AS/NZS1125
- Material		Stranded tinned copper wire
- No. of wire / wire diameter	No. / mm	276/ 0.40 ± 0.020
Insulation		XLPO (RoHS)
- Material		
- Nominal thickness	mm	1.2
- Core OD	mm	11.4 ± 0.30
- Core colour		(+) Red , (-) Black
Outer Layer		XLPO (RoHS) (NO oil/talc)
- Material		
- Colour	mm	Black
- Nominal thickness	mm	1.1
- OD	mm	13.8 ± 0.4 X27.8± 0.6
Bending Radius		
- Fixed application bending radius		6 x OD
Electrical Characteristics		Acc.To EN 60228、AS/NZS1125
- Maximum conductor resistance DC at 20°C	Ohm/km	0.795

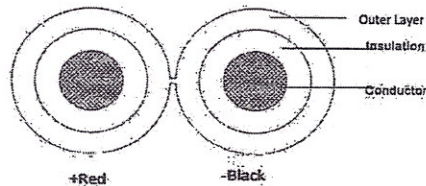
Due to variables in production, the information on this sheet is approximate and subject to change without notice.

Cable Marking : White

Marking : (+) POLE CARDIFF CABLE Δ₁₁₆₉ PV1-F 35mm² 1.0/1.8KVDC
 WARNING - DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE (+) POLE
 (-) POLE CARDIFF CABLE Δ₁₁₆₉ PV1-F 35mm² 1.0/1.8KVDC
 WARNING - DO NOT DISCONNECT UNDER LOAD — 120°C SOLAR DC CABLE (-) POLE

Type of print : **INK-JET 1 line**

Product sectional view



Acknowledge and accepted, sign-back by customer :

Prepare : *[Signature]*

Check : *[Signature]*

Approve : *[Signature]*

Martin Robson
 Elcon Cables

16th March 2020

Signature and Company Stamp

Date : 2020-03-05