NewSun PV Technology Co.,Ltd

光伏2转1型线束（H型）
PV 2 to1 Cable Assembly（H Type）

产品规格
Product Specifications

绝缘材料 Insulation material	PPE/TPE	安全等级 Safety degree	II
额定电流 Rated current	30-60A	过压等级 Overvoltage category/Pollution degree	CATIII/2
额定电压 Rated voltage	1500VDC	阻燃等级 Flame class	UL94-V0
测试电压 Test voltage	8kV(50Hz,Imin)	环境温度范围 Ambient temperature range	-40℃…+90℃(IEC)
连接器接触电阻 Typical contact resistance	＜5 mΩ	适配电线规格 Suitable cable cross sections	1.5/ 2.5/ 4/ 6/ 10mm^2
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110℃(IEC)
保护等级 Degree of protection	IP68		

图示：
Drawing:

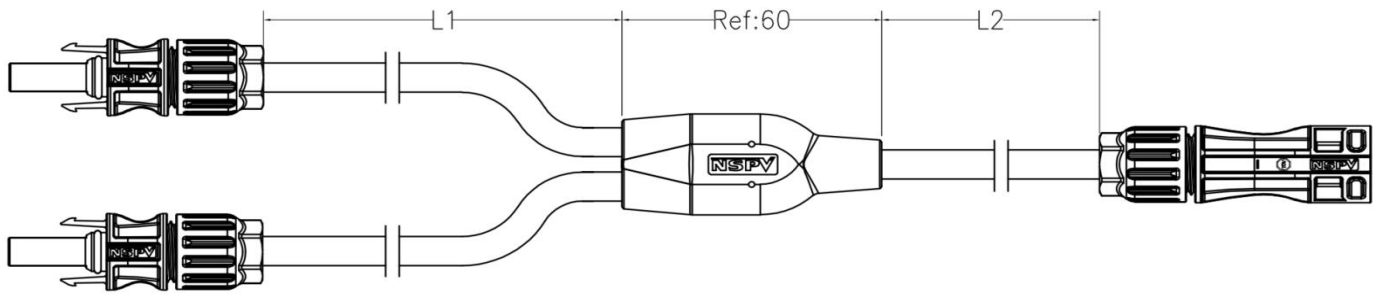
■ **Y-Cable 2F1M** // H21Y15***

L1:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire：	☐ Red	☑ B/K	
Cable Length：	100	mm	

L2:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire：	☐ Red	☑ B/K	
Cable Length：	100	mm	



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保护等级 Degree of protection	IP68		

图示：
Drawing:

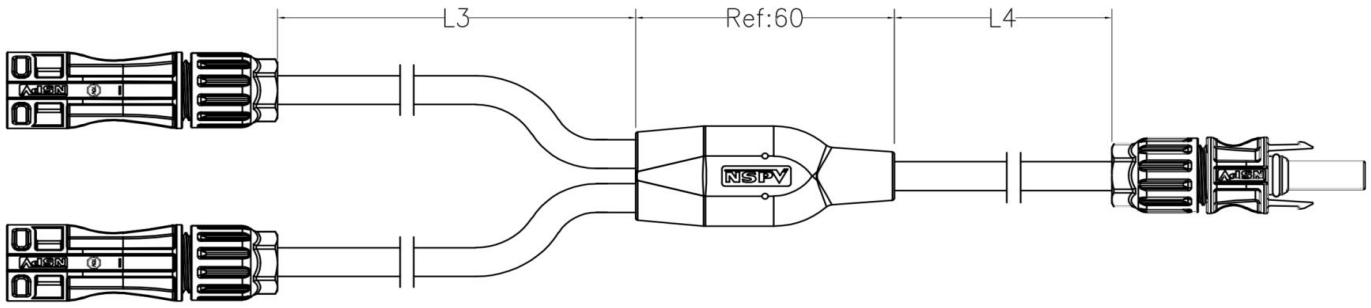
■ **Y-Cable 2M1F** // H21Y15***

L3:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire：	☐ Red	☑ B/K		
Cable Length：	100	mm		

L4:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire：	☐ Red	☑ B/K		
Cable Length：	100	mm		



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保护等级 Degree of protection	IP68		

图示：
Drawing:

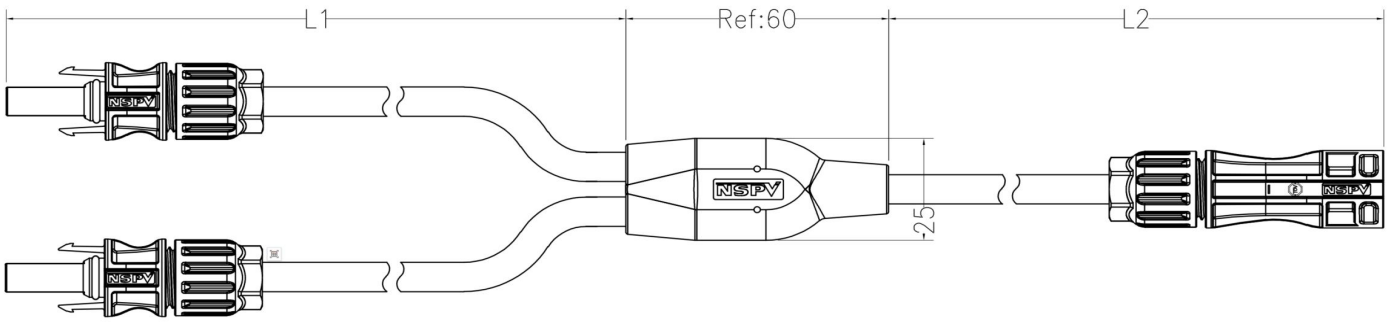
■ **Y-Cable 2F1M** // H21Y15***

L1:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire：	☐ Red	☑ B/K		
Cable Length：	100	mm		

L2:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire：	☐ Red	☑ B/K		
Cable Length：	100	mm		



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产品规格
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金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110℃(IEC)
保护等级 Degree of protection	IP68		

图示：
Drawing:

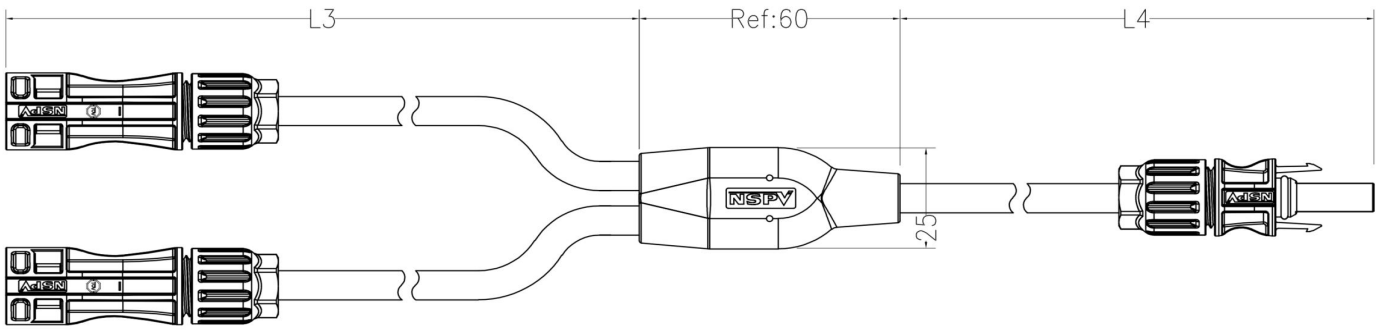
■ **Y-Cable 2M1F** // H21Y15***

L3:

Cable Size：	☐ 1.5mm^2 ☐ 2.5mm^2 ☑ 4.0mm^2 ☐ 6.0mm^2 ☐ 10.0mm^2
Color of wire：	☐ Red ☑ B/K
Cable Length：	100 mm

L4:

Cable Size：	☐ 1.5mm^2 ☐ 2.5mm^2 ☑ 4.0mm^2 ☐ 6.0mm^2 ☐ 10.0mm^2
Color of wire：	☐ Red ☑ B/K
Cable Length：	100 mm



NSPV
NewSun PV Technology Co.,Ltd

光伏2转1型线束（T型）
PV 2 to1 Cable Assembly（T Type）

产品规格
Product Specifications

绝缘材料 Insulation material	PPE/TPE	安全等级 Safety degree	II
额定电流 Rated current	30-60A	过压等级 Overvoltage category/Pollution degree	CATIII/2
额定电压 Rated voltage	1500VDC	阻燃等级 Flame class	UL94-V0
测试电压 Test voltage	8kV(50Hz,Imin)	环境温度范围 Ambient temperature range	-40℃…+90℃(IEC)
连接器接触电阻 Typical contact resistance	＜5 mΩ	适配电线规格 Suitable cable cross sections	1.5/ 2.5/ 4/ 6/ 10mm^2
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110℃(IEC)
保护等级 Degree of protection	IP68		

图示：
Drawing:

■ **T-Cable 2M1F** // T21Y15***

L1:

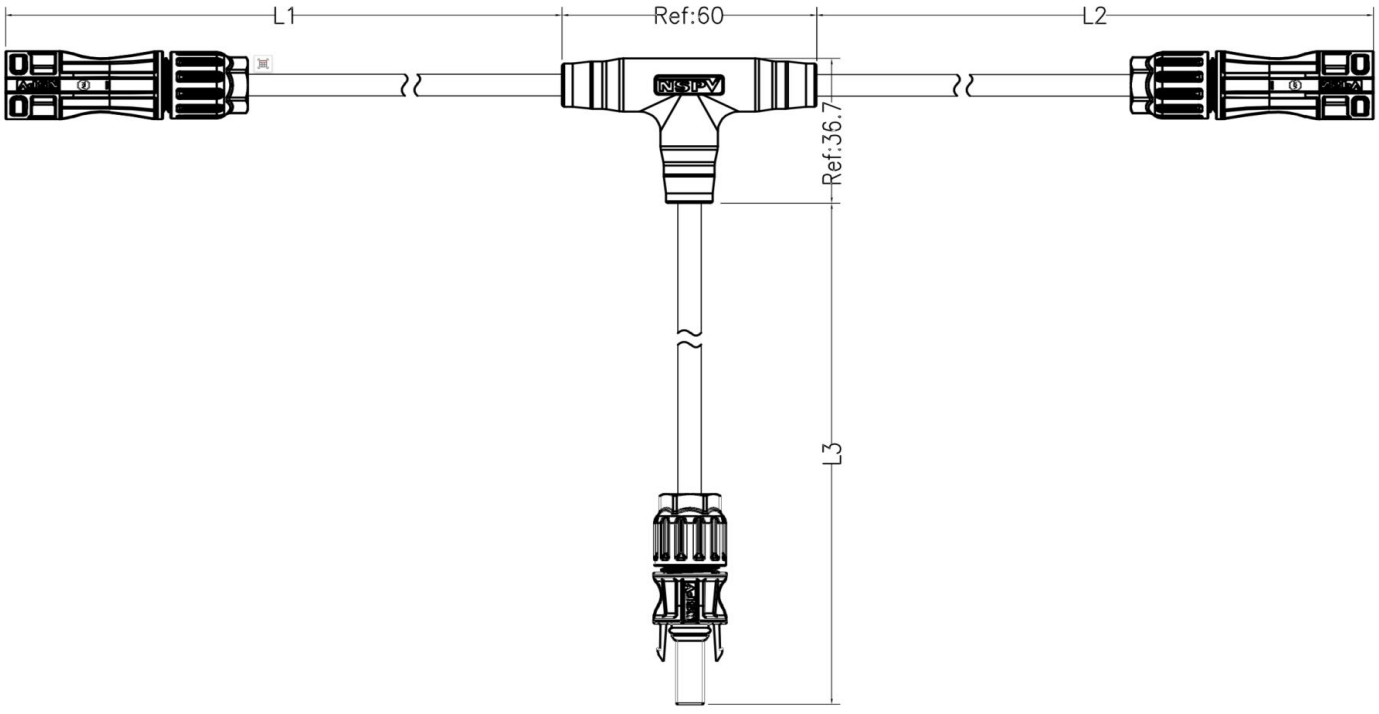
Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire:	☐ Red	☑ B/K	
Cable Length:	100 mm		

L2:

Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire:	☐ Red	☑ B/K	
Cable Length:	100 mm		

L3:

Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire:	☐ Red	☑ B/K	
Cable Length:	100 mm		



NSPV
NewSun PV Technology Co.,Ltd

光伏2转1型线束（T型）
PV 2 to1 Cable Assembly（T Type）

产品规格
Product Specifications

绝缘材料 Insulation material	PPE/TPE	安全等级 Safety degree	II
额定电流 Rated current	30-60A	过压等级 Overvoltage category/Pollution degree	CATIII/2
额定电压 Rated voltage	1500VDC	阻燃等级 Flame class	UL94-V0
测试电压 Test voltage	8kV(50Hz,Imin)	环境温度范围 Ambient temperature range	-40℃…+90℃(IEC)
连接器接触电阻 Typical contact resistance	＜5 mΩ	适配电线规格 Suitable cable cross sections	1.5/ 2.5/ 4/ 6/ 10mm^2
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110℃(IEC)
保护等级 Degree of protection	IP68		

图示：
Drawing:

■ **T-Cable 2F1M** // T21Y15***

L4:

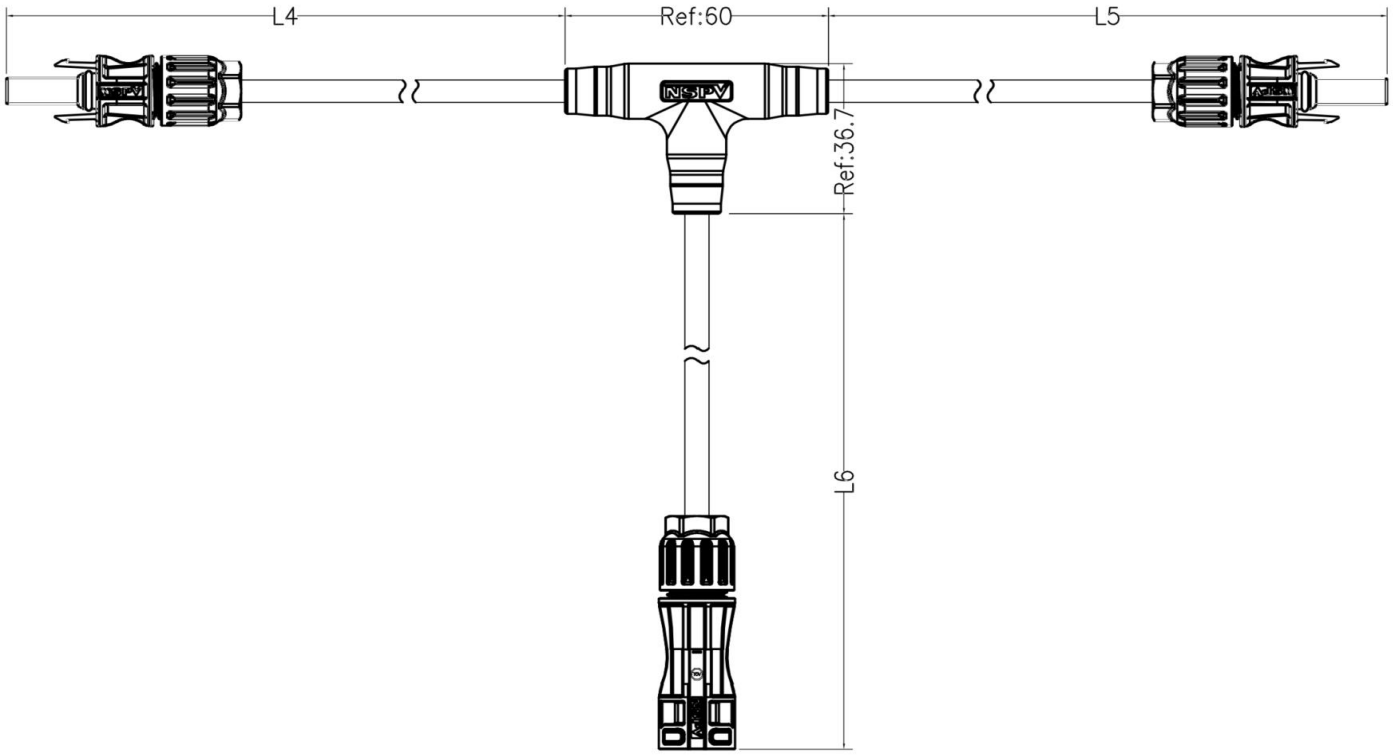
Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire:	☐ Red	☑ B/K		
Cable Length:	100	mm		

L5:

Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire:	☐ Red	☑ B/K	
Cable Length:	100	mm	

L6:

Cable Size:	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2	
	☐ 6.0mm^2	☐ 10.0mm^2		
Color of wire:	☐ Red	☑ B/K		
Cable Length:	100	mm		



NSPV
NewSun PV Technology Co.,Ltd

光伏2转1型线束（Y型）
PV 2 to1 Cable Assembly（Y Type）

产品规格
Product Specifications

绝缘材料 Insulation material	PPE/TPE	安全等级 Safety degree	II
额定电流 Rated current	30-60A	过压等级 Overvoltage category/Pollution degree	CATIII/2
额定电压 Rated voltage	1500VDC	阻燃等级 Flame class	UL94-V0
测试电压 Test voltage	8kV(50Hz,Imin)	环境温度范围 Ambient temperature range	-40℃…+90℃(IEC)
连接器接触电阻 Typical contact resistance	＜5 mΩ	适配电线规格 Suitable cable cross sections	1.5/ 2.5/ 4/ 6/ 10mm^2
金属导体材料 Contact material	铜,镀锡 Copper,Tin plated	温度上限 Upper limiting temperature	110℃(IEC)
保护等级 Degree of protection	IP68		

图示：
Drawing:

■ **Y-Cable 2F1M** // Y21Y15***

L1:

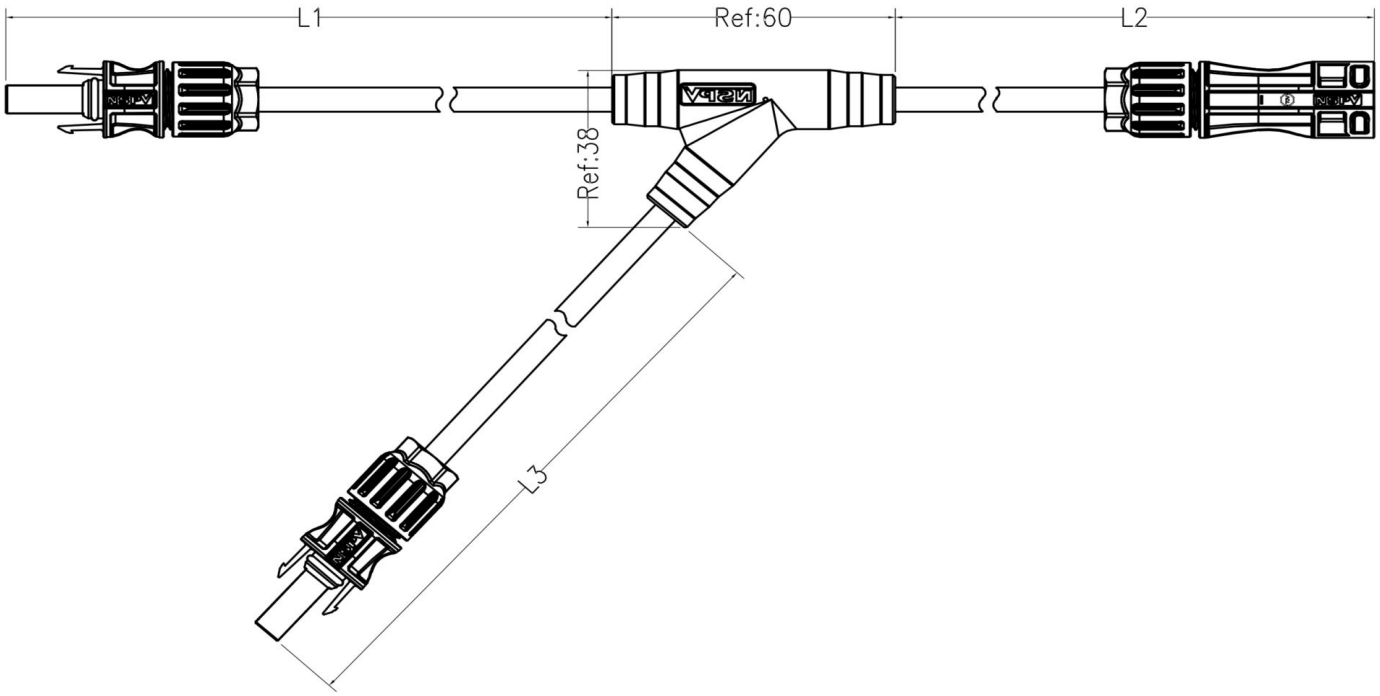
Cable Size:	☐ 1.5mm^2 ☐ 2.5mm^2 ☑ 4.0mm^2	☐ 6.0mm^2 ☐ 10.0mm^2
Color of wire:	☐ Red ☑ B/K	
Cable Length:	100 mm	

L2:

Cable Size:	☐ 1.5mm^2 ☐ 2.5mm^2 ☑ 4.0mm^2	☐ 6.0mm^2 ☐ 10.0mm^2
Color of wire:	☐ Red ☑ B/K	
Cable Length:	100 mm	

L3:

Cable Size:	☐ 1.5mm^2 ☐ 2.5mm^2 ☑ 4.0mm^2	☐ 6.0mm^2 ☐ 10.0mm^2
Color of wire:	☐ Red ☑ B/K	
Cable Length:	100 mm	



NSPV
NewSun PV Technology Co.,Ltd

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图示：
Drawing:

■ **Y-Cable 2M1F** // Y21Y15***

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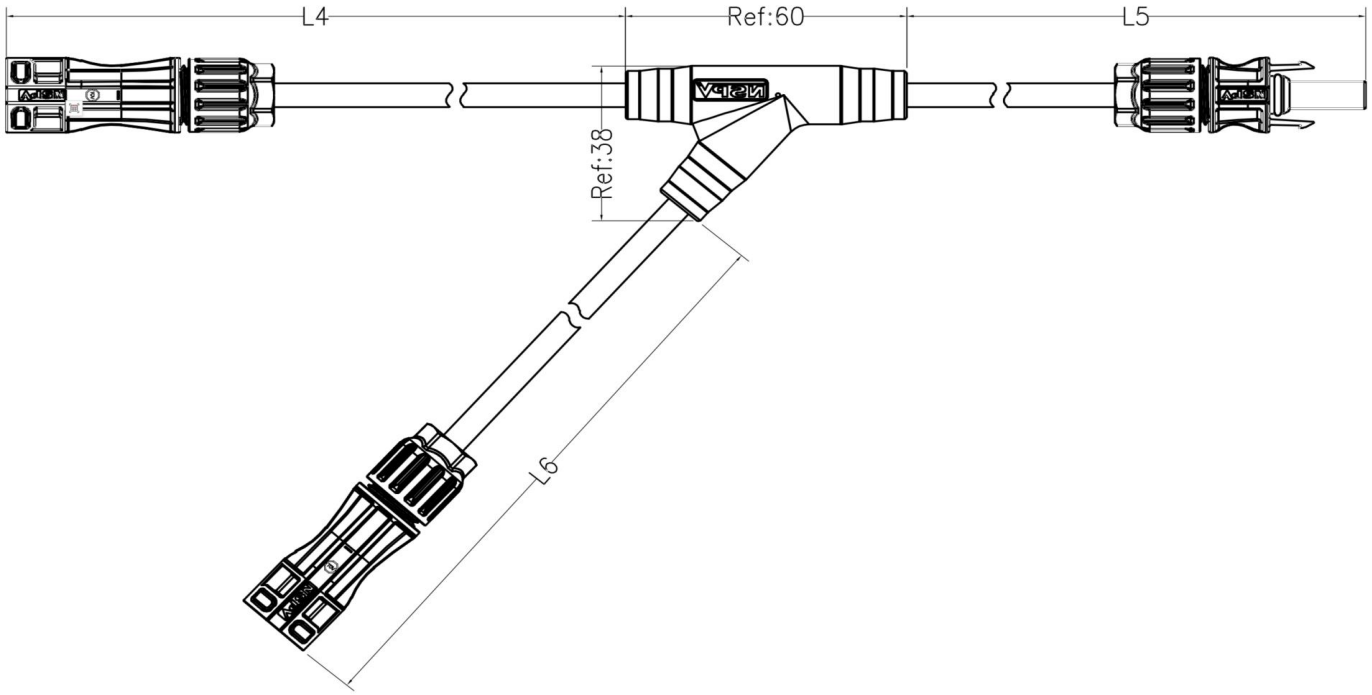
Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire：	☐ Red	☑ B/K	
Cable Length：	100	mm	

L5:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire：	☐ Red	☑ B/K	
Cable Length：	100	mm	

L6:

Cable Size：	☐ 1.5mm^2	☐ 2.5mm^2	☑ 4.0mm^2
	☐ 6.0mm^2	☐ 10.0mm^2	
Color of wire：	☐ Red	☑ B/K	
Cable Length：	100	mm