

1kV Heat Shrinkable Cable Accessories

MELEC 1kV heat shrinkable cable accessories are suitable for 0.6/1.0(1.2) kV, insulated with PVC, XLPE and PE polymeric cables. Kits cover a wide range of cable sizes and varying cable constructions.

These accessories can be equipped with either crimping or mechanical lugs and connectors. MELEC mechanical lugs and connectors can be easily installed by a socket spanner without the need of crimping tools. Besides, they can reduce stock requirement because of their wide span range.

Features

- Compact dimensions
- Hot melting adhesive provides advanced sealing and insulating performance.
- Excellent corrosion resistance
- UV resistance and weathering resistance
- Halogen-free
- Superior electrical and mechanical properties

Standard

EN 50393

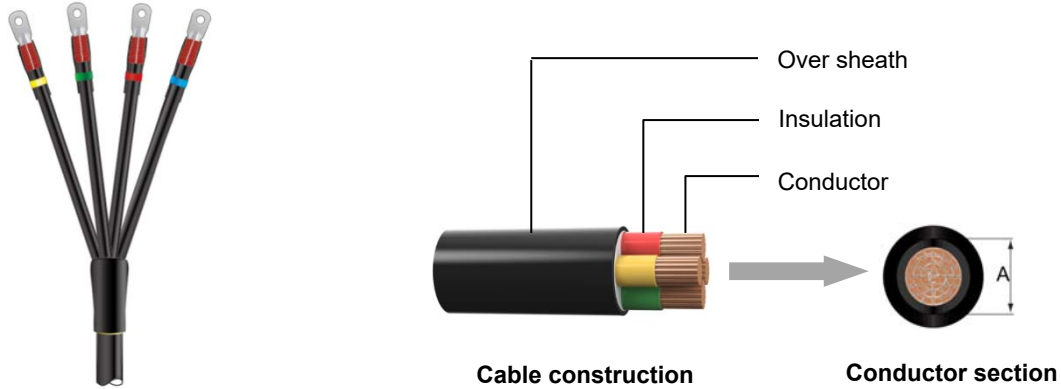
Performance


Test	Requirements
AC voltage withstand(in air)	4kV, 1 min. No failure.
Insulation resistance(in air)	≥50MΩ
Impact at ambient temperature (only for joints)	A 4kg block dropped onto the accessory from a height of 1 m; Immersed for a minimum of 3h in water with depth of 1m
AC voltage withstand(immersed) (only for joints)	4kV, 1 min. No failure.
Insulation resistance(immersed) (only for joints)	≥50MΩ
Heating cycle(in air)	Heat the conductor to 75°C-95°C, 63 times in air. No failure.
Heating cycle(in water)	Heat the conductor to 75°C-95°C, 63 times in water. No failure.
AC voltage withstand(in water)	4kV, 1 min. No failure.
Insulation resistance(in water)	≥50MΩ

1kV Heat Shrinkable Termination Accessories

Application

MDD is suitable for multicore, unarmoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Lugs (mm)	Recommended Cable Lugs
 4-core	MDD-4-01-A	10-35	4.6	14.0	AU AUS CALB-N JTLL
	MDD-4-01-B	50-95	9.3	22.0	
	MDD-4-01-C	120-185	14.2	28.5	
	MDD-4-01-D	240-300	20.4	36.0	
	MDD-4-01-E	300-400	25.7	38.5	

Note: JTLL mechanical lug is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable lugs.

Standard Package List

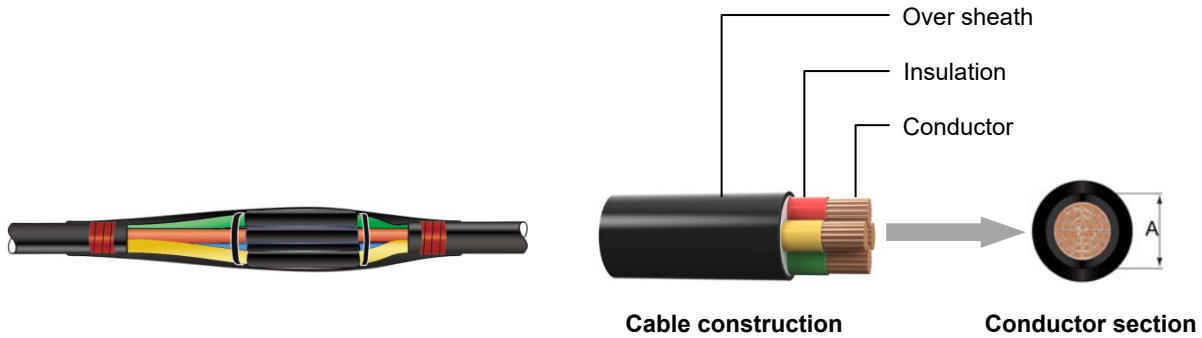
Items	Selection
CABLE LUG	<input type="checkbox"/>
HEAT SHRINKABLE INSULATION BREAKOUT	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
PHASE TUBING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>


Note: ■ The marked items are basically required.
□ MELEC also provides customized set. Just tick on for your needs.
Please consult MELEC sales for more details.

1kV Heat Shrinkable Straight Joint Accessories

Application

MDJ is suitable for multicore, unarmoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Connectors (mm)	Max. Length of Connector (mm)	Recommended Connectors
 4-core	MDJ-4-01-A	10-35	4.6	14.0	85	GTY GLI GTD CLL
	MDJ-4-01-B	50-95	9.3	22.0	110	
	MDJ-4-01-C	120-185	14.2	28.5	125	
	MDJ-4-01-D	240-300	20.4	36.0	145	
	MDJ-4-01-E	300-400	25.7	38.5	210	

Note: CLL mechanical connector is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable connectors.

Standard Package List

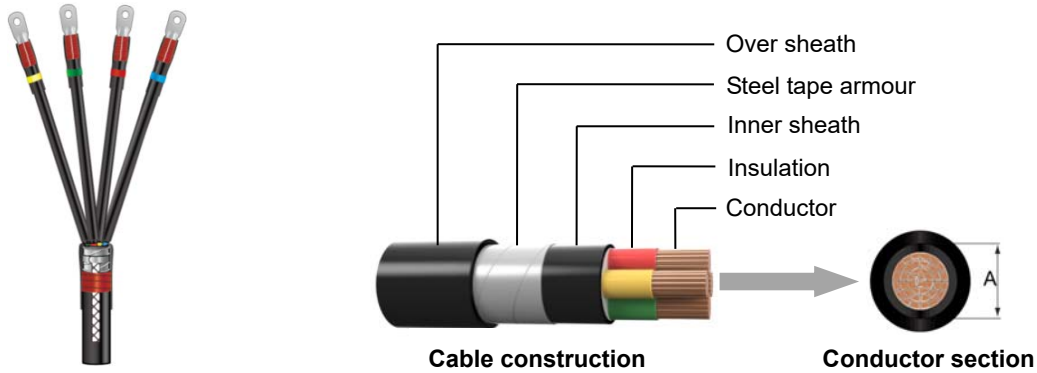
Items	Selection
CABLE CONNECTOR	<input type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>


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1kV Heat Shrinkable Termination Accessories

Application

MDDK is suitable for multicore, steel tape armoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Lugs (mm)	Recommended Cable Lugs
 4-core	MDDK-4-01-A	10-35	4.6	14.0	AU AUS CALB-N JTLL
	MDDK-4-01-B	50-95	9.3	22.0	
	MDDK-4-01-C	120-185	14.2	28.5	
	MDDK-4-01-D	240-300	20.4	36.0	
	MDDK-4-01-E	300-400	25.7	38.5	

Note: JTLL mechanical lug is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable lugs.

Standard Package List

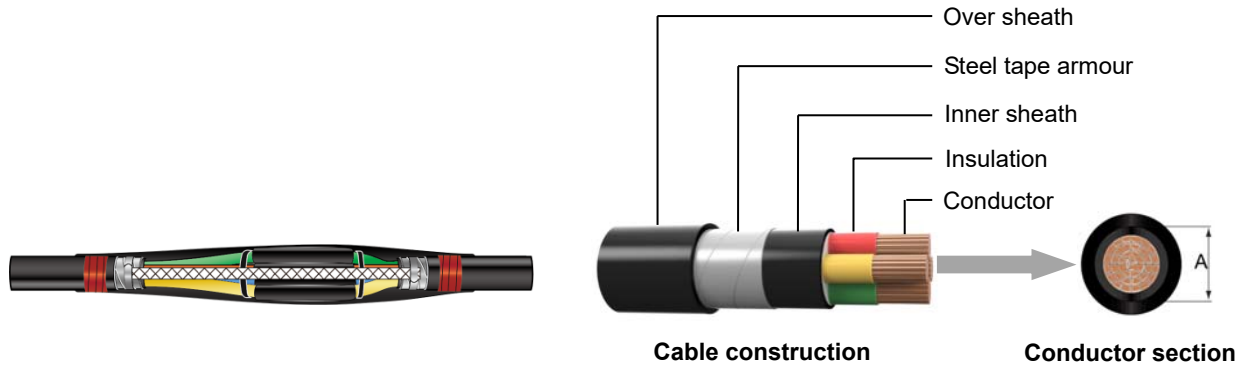
Items	Selection
CABLE LUG	<input type="checkbox"/>
HEAT SHRINKABLE INSULATION BREAKOUT	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
COPPER BRAID	<input checked="" type="checkbox"/>
CONSTANT FORCE SPRING	<input checked="" type="checkbox"/>
PHASE TUBING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>


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1kV Heat Shrinkable Straight Joint Accessories

Application

MDJK is suitable for multicore, steel tape armoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Connectors (mm)	Max. Length of Connector (mm)	Recommended Connectors
 4-core	MDJK-4-01-A	10-35	4.6	14.0	85	GTY GLI GTD CLL
	MDJK-4-01-B	50-95	9.3	22.0	110	
	MDJK-4-01-C	120-185	14.2	28.5	125	
	MDJK-4-01-D	240-300	20.4	36.0	145	
	MDJK-4-01-E	300-400	25.7	38.5	210	

Note: CLL mechanical connector is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable connectors.

Standard Package List

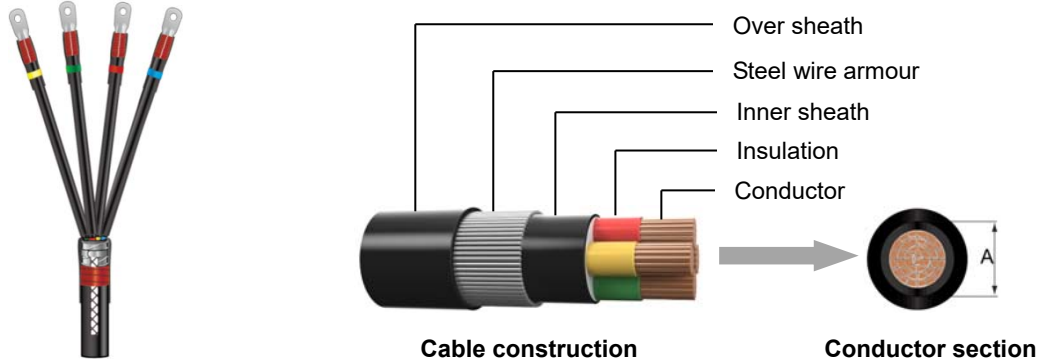
Items	Selection
CABLE CONNECTOR	<input type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
COPPER BRAID	<input checked="" type="checkbox"/>
CONSTANT FORCE SPRING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>


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1kV Heat Shrinkable Termination Accessories

Application

MDDK is suitable for multicore, steel wire armoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Lugs (mm)	Recommended Cable Lugs
 4-core	MDDK-4-01-A	10-35	4.6	14.0	AU AUS CALB-N JTLL
	MDDK-4-01-B	50-95	9.3	22.0	
	MDDK-4-01-C	120-185	14.2	28.5	
	MDDK-4-01-D	240-300	20.4	36.0	
	MDDK-4-01-E	300-400	25.7	38.5	

Note: JTLL mechanical lug is suitable for cross-section from 10 to 300mm².
Please consult MELEC sales for more details about cable lugs.

Standard Package List

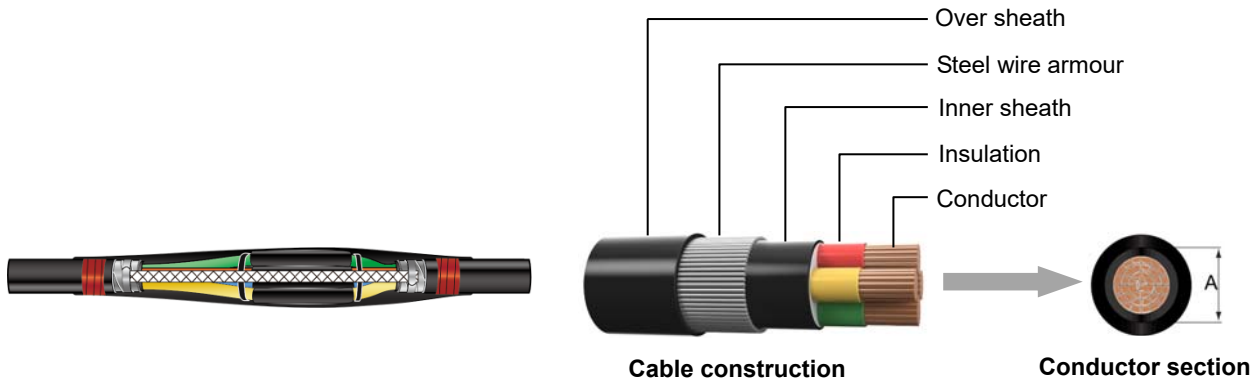
Items	Selection
CABLE LUG	<input type="checkbox"/>
HEAT SHRINKABLE INSULATION BREAKOUT	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
COPPER BRAID	<input checked="" type="checkbox"/>
HOSE CLAMP	<input checked="" type="checkbox"/>
STEEL ARMOUR RING	<input checked="" type="checkbox"/>
PHASE TUBING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>


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1kV Heat Shrinkable Straight Joint Accessories

Application

MDJK is suitable for multicore, steel wire armoured cables.



Cores	Type	Cross-section (mm ²)	Min. Dia over Insulation A (mm)	Max. Dia over Connectors (mm)	Max. Length of Connector (mm)	Recommended Connectors
 4-core	MDJK-4-01-A	10-35	4.6	14.0	85	GTY GLI GTD CLL
	MDJK-4-01-B	50-95	9.3	22.0	110	
	MDJK-4-01-C	120-185	14.2	28.5	125	
	MDJK-4-01-D	240-300	20.4	36.0	145	
	MDJK-4-01-E	300-400	25.7	38.5	210	

Note: CLL mechanical connector is suitable for cross-section from 10 to 300mm². Please consult MELEC sales for more details about cable connectors.

Standard Package List

Items	Selection
CABLE CONNECTOR	<input type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
HEAT SHRINKABLE TUBING	<input checked="" type="checkbox"/>
COPPER BRAID	<input checked="" type="checkbox"/>
HOSE CLAMP	<input checked="" type="checkbox"/>
STEEL ARMOUR RING	<input checked="" type="checkbox"/>
WATERPROOF SEALING MASTIC	<input checked="" type="checkbox"/>
PVC TAPE	<input type="checkbox"/>
EMERY CLOTH	<input type="checkbox"/>
CLEANING KIT	<input type="checkbox"/>
CLEANING CLOTH	<input type="checkbox"/>
UNDERSHIRT CLOTH GLOVES	<input type="checkbox"/>
INSTALLATION INSTRUCTION	<input checked="" type="checkbox"/>
PACKAGE LIST	<input checked="" type="checkbox"/>

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