

Wedge Tool

Description: This wrench can be used to separate the strands of aerial bundled cables during the installation of connectors and clamps. Additionally, it can be used to detach the messenger wire from the aerial bundled cable when installing suspension clamps.

Product Code	Packing	Weight (Kg)	Dimension(mm)
W11	20 pieces	0.120kg	30 x 165

Alan Wrench Insulated

Description: This wrench is used for components IC1001, IPC1/1006, IC1002, IPC1/1005, and IPC2/1005.

Product Code	Packing	Weight (Kg)	Dimension (mm)
W13	20 pieces	0.32 kg	81.5 x 38

Fork Wrench

Description: This tool is used as an auxiliary device for tightening and installing all types of connectors. It is necessary to wear insulating gloves when working with this tool.

Product Code	Packing	Weight (Kg)	Dimension(mm)
W17	10 pieces	0.33 kg	221 x 36 x 5

Cable Ties

Description: Cable ties are narrow, highly durable plastic straps used for fastening, tightening, and connecting various objects. They are commonly used to secure cables, wires, and other items. Their key feature is that once the strap passes through the locking mechanism, the loop cannot loosen or expand.

Product Code	Packing	Weight (Kg)	Dimension (mm)
CT1001	20 packs 100 pieces	0.00273kg	250 x 7 x 1.4
CT1002	10 packs 100 pieces	0.00407kg	350 x 7.6 x 1.6



Electro Niroo Taban Control Engineering Company (NETCO) began its operations in 2009 with the aim of producing accessories for aerial bundled cable networks, focusing on reducing energy losses and unserved energy, as well as training on the proper installation of these products, based on the CENELEC standard EN50483. The company successfully obtained the necessary permits to be included in the vendor list of all distribution companies and Tavanir (Iran's Power Generation, Transmission and Distribution Company). Subsequently, NETCO equipped its own physics, chemistry, and electronics laboratories and established separate research and development, marketing, and sales departments, setting customer-oriented production as its future goal. The company performs all its activities, including bimetallic metal coating, in-house according to the ASTM B 579 standard. The company's vision is to produce all types of accessories for distribution networks across all voltage levels and to enter international markets.

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Insulation Piercing Connector

Description: Our Insulated Piercing Connector is engineered for use with Aerial Bundled Cables (up to 1000 V.AC), ensuring secure connections for both aluminum and copper conductors. Its innovative design enables live-line installation without the need to strip the conductor insulation, offering a reliable and efficient solution for power distribution networks.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension (mm)	Tightening Torque (N.m)
IPC1001	200 pieces	Main:AL/Cu 16-95	0.05Kg	42 × 41 × 77	10±1
		Tap:AL/Cu 1.5-10			

Insulation Piercing Connector

Description: This connector is specifically designed for branching from main insulated messenger wire systems (IMWS) in aerial bundled cable networks. It is widely used to connect both copper and aluminum branch conductors to the main line.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
IPC1003	100 pieces	Main:AL/Cu 25-95	0.1Kg	56 × 47 × 78	17±1
		Tap:AL/Cu 6-35			

Insulation Piercing Connector

Description: This connector is specifically designed for branching from main insulated messenger wire systems (IMWS) in aerial bundled cable networks. It is widely used to connect both copper and aluminum branch conductors to the main line.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension (mm)	Tightening Torque (N.m)
IPC1004	40 pieces	Main:AL/Cu 25-95	0.2Kg	89 × 59 × 79	17±1
		Tap:AL/Cu 16-95			

Insulated Connector

Description: Multi-tap connectors is specially designed for use with universal piercing connectors up to 1000 V.A.C to facilitate several out-going conductors. Each branch conductor can be connected with a separate screw.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
IPC1005	80 pieces	AL2 × (10-35)mm²/Cu2 × (1.5-25)	0.14Kg	140 × 40 × 60	15
IC1001	80 pieces	AL2 × (10-35)mm²/Cu2 × (1.5-25)	0.14Kg	140 × 40 × 60	15

Insulated Connector

Description: Designed for use with insulated aluminum and copper conductors, this connector features an insulated screw for a secure and reliable connection. The screw mechanism enables easy attachment to both the main and branch conductors, ensuring efficient and safe operation.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
IPC1006	30 pieces	AL4 × (10-35)mm²/Cu4 × (1.5-25)	0.26Kg	184 × 40 × 58	15
IC1002	30 pieces	AL4 × (10-35)mm²/Cu4 × (1.5-25)	0.26Kg	184 × 40 × 58	15

Insulation Piercing Connector

Description: Designed for use with insulated aluminum and copper conductors, this connector features an insulated screw for a secure connection. It is engineered for easy installation on live lines, ensuring safe and efficient integration into power distribution networks.



Product Code	Packing	Cross section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
IPC1009	50 pieces	Main:AL 25-95	0.124Kg	64 × 50 × 82	18±1
		Tap:AL 10-70/Cu1.5-70			

Insulation Piercing Connector

Description: Designed for insulated aluminum and copper conductors, this connector features an insulated screw. It is suitable for installation on live lines (Hot Line).



Product Code	Packing	Conductor and Insulated Wire Cross-Section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
IPC1010	50 pieces	AL 25-95/Cu16-70	0.121Kg	63 × 50 × 81	18±1
		AL 16-95			

Suspension clamp

Description: Suitable for use in aerial bundled cable networks with insulated messenger in straight lines or up to a maximum angle of 90 degrees.



Product Code	Packing	Messenger Cross-Section and Diameter (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
SU1102	40 pieces	25-95	0.24Kg	75 × 84 × 100	by hands
		7.3-15.4			

Tension clamp

Description: Designed for tensioning and securing aerial bundled low-voltage cables in networks with insulated messengers, this component is suitable for all weather conditions.



Product Code	Packing	Messenger Cross-Section (mm²)	Weight (Kg)	Dimension (mm)
TE1003	30 pieces	50-70 / 16-25	0.48Kg	370 × 65 × 33

Parallel Groove AL to AL

Description: This connector is designed for aluminum-to-aluminum connections in sections of the aerial bundled cable network where mechanical stresses are not involved. The recommended torque for both ends is essential for a reliable connection. The connector body is made of corrosion-resistant aluminum, ensuring high conductivity and low electrical resistance.



Product Code	Packing	Insulated Wire Cross-Section (mm²)	Weight (Kg)	Dimension (mm)	Tightening Torque (N.m)
CO1004	30 pieces	AL-AL 6-95	0.12Kg	42 × 39 × 60	22
CO1005	30 pieces	AL-AL 16-150	0.14Kg	42 × 47 × 51	22

Bimetallic Parallel Groove Connector

Description: This connector is used for joining aluminum to copper in sections of aerial bundled cables that do not experience mechanical stress. Proper screw torque is essential for establishing a reliable connection. (The body is made of corrosion-resistant aluminum.)



Product Code	Packing	Aluminum and Copper Conductor Cross-Section (mm²)	Weight (Kg)	Dimension (mm)	Tightening Torque (N.m)
CO1045	16 pieces	AL 50-240	0.35Kg	45 × 60 × 78	40
		CU 50-240			

Bimetallic Parallel Groove Connector

Description: This connector is used for joining aluminum to copper in sections of aerial bundled cables that do not experience mechanical stress. Proper screw torque is essential for establishing a reliable connection. (The body is made of corrosion-resistant aluminum.)



Product Code	Packing	Aluminum and Copper Conductor Cross-Section (mm²)	Weight (Kg)	Dimension (mm)	Tightening Torque (N.m)
CO1046	30 pieces	AL 6-95 / CU 6-95	0.12Kg	42 × 39 × 60	22
CO1047	30 pieces	AL 16-150 / CU 16-150	0.145Kg	42 × 47 × 51	22

Parallel Groove Connector

Description: This connector is designed for joining aluminum to aluminum in sections of aerial bundled cable networks that do not experience mechanical stress. The recommended torque is essential for establishing a reliable connection. The connector body is made of corrosion-resistant aluminum, featuring high conductivity and low electrical resistance.



Product Code	Packing	Conductor Cross-Section (mm²)	Weight (Kg)	Dimension(mm)	Tightening Torque (N.m)
CO1201	16 pieces	AL-AL 50-240	0.30Kg	60 × 45 × 71	40

Insulated Cover B2, B3

Description: Used as an insulating cover for connectors with conductor cross-sections up to 120 mm². The larger size of this cover is designed for connectors with conductor cross-sections ranging from 50 to 240 mm².



Product Code	Packing	Weight (Kg)	Dimension (mm)
B2	50 pieces	0.033 kg	106 × 73 × 76

Splice Connector

Description: Splice connectors play a crucial role in connecting and enabling communication between aerial cables within insulated messenger wire system (IMWS) cable distribution networks. Specifically designed for cable sizes up to 70, these connectors are essential components for ensuring seamless connectivity in aerial bundled cable accessories.



Product Code	Packing	Conductor Cross-Section (mm²)	Dimension (mm)
CO1060	65 pieces	AL 16-70	22 × 108

End Cap

Description: Our high-quality end cap is designed to effectively prevent water penetration into the cable end, ensuring optimal performance and longevity. For enhanced protection, we recommend using this accessory with our specially formulated grease, which can be conveniently purchased from our company upon consumer request.



Product Code	Packing	Conductor Size and Diameter (mm²)	Weight (Kg)	Dimension (mm)
EC1001	1000 pieces	25-95 / 6.1-15.4	0.006Kg	20
EC1002	600 pieces	95-120 / 15.4-16.9	0.008Kg	19.8