

# AlphaO Connector

Alphao Co., Ltd. is a manufacturing company providing electricians and industry workers with safer and more productive wire connectors. Alphao's proprietary technology of Non-Stripping Extended Connection or NSEC does not require cumbersome stripping or splicing of the electric wires and guarantees electric safety. The company is established in 2017 in the vicinity of Seoul, Korea and continuously makes an effort to develop the innovative technologies.

Alphao's non-stripping electric wire connector is a new kind of wire cap or connector for wire-to-wire connections. (I-Type(One to One), T-Type(Junction), IT-Type(I or T))

Alphao products are created for enhancing the electric wire connecting productivity and protecting users from the risks of being exposed electric shock. The electrical resistance is remarkably reduced and affords higher currency transmissions as the contact area is innovatively increased.

Alphao's non-stripping electric wire connector is a new kind of wire cap or connector for wire-to-wire connections. Alphao connector is designed so that when two or more wires need to be connected they can be placed into the holes and no loss of electric power is affected. There is no stripping, splicing (wire twisting) or taping of the wires involved. The most basic shape is a small rectangular plastic box, but they have a variety of sizes and designs for different uses and power loads that range from low to high amps.




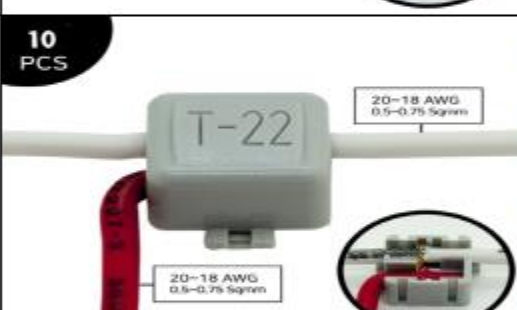



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Mr. John Y.H. Lee is the inventor of this technology. The main aim of the technology is to provide a safer way of attaching separate wires together without having to expose bare wire by stripping or peeling of the wire insulating cover.

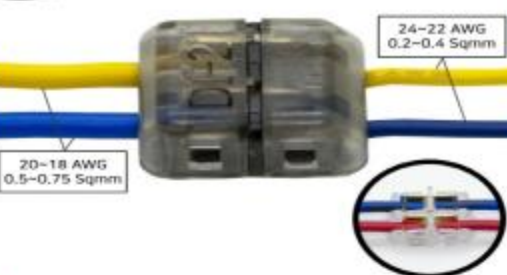
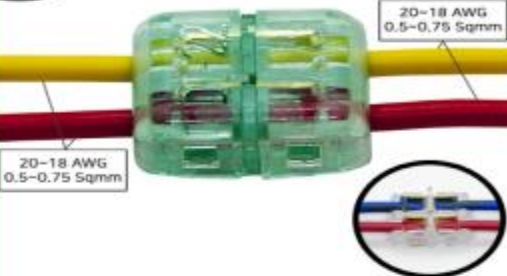





AlphaO, a company that connects the world!, IT - connectors is HERE TOO!:) )

<b>직결</b> <b>ONE-TO-ONE</b> <b>(I-TYPE)</b>					
	① 전선 고정 (Place Wires)		② 체결 (Press hard)		③ 완성 (Complete)
<b>분기</b> <b>Junction</b> <b>(T-TYPE)</b>					
	① 전선 고정 (Place Wires)		② 체결 (Press hard) ✓ Recommended Clamping Tools (IT-33 43 44 54 55)		③ 완성 (Complete)



■ 제품특징(Features)		● 사양(Specification)
제품명	AlphaO Connector	제품 설명(특징 및 규격)
<b>I-11</b> (One-to-One) 직결형	10 PCS 	→제원 : 0.56(g)/6.2(H)/8.6(W)/9.5(D) →저항값(Ω) : 0.00051 →Max.Amp : 6 →인장강도(NT) : 77 →Wire Size : 0.2~0.4mm <sup>2</sup> (AWG 24 - 22 )
<b>T-11</b> (Junction) 분기형	10 PCS 	→제원 : 0.53(g)/6.2(H)/8.6(W)/9.5(D) →저항값(Ω) : 0.00062 →Max.Amp : 6 →인장강도(NT): 80 →Wire Size : 0.2~0.4mm <sup>2</sup> (AWG 24 - 22 )
<b>I-22</b> (One-to-One) 직결형	10 PCS 	→제원 : 0.88(g)/8(H)/10.6(W)/10.6(D) →저항값(Ω) : No Loss & 0.00025 →Max.Amp : 9 →인장강도(NT) : 130 →Wire Size : 0.5~0.75mm <sup>2</sup> (AWG 20 - 18 )
<b>T-22</b> (Junction) 분기형	10 PCS 	→제원 : 0.86(g)/8(H)/10.6(W)/10.6(D) →저항값(Ω) : No Loss & 0.00033 →Max.Amp : 9 →인장강도(NT) : 130 →Wire Size : 0.5~0.75mm <sup>2</sup> (AWG 20 - 18 )
<b>T-21</b> (Junction) 분기형	10 PCS 	→제원 : 0.67(g)/7.2(H)/9.8(W)/10.6(D) →저항값(Ω) : No Loss & 0.00055 →Max.Amp : 6 →인장강도(NT) : 80 →Wire Size : 0.5~0.75mm <sup>2</sup> (AWG 20~18) - 0.2~0.4mm <sup>2</sup> (AWG 24~22)
<b>T-31</b> (Junction) 분기형	10 PCS 	→제원 : 1.53(g)/9.7(H)/13.4(W)/13(D) →저항값(Ω) : No Loss & 0.00043 →Max.Amp : 6 →인장강도(NT) : 80 →Wire Size : 1.0~1.5mm <sup>2</sup> (AWG 16) - 0.2~0.4mm <sup>2</sup> (AWG 24~22)
<b>T-32</b> (Junction) 분기형	10 PCS 	→제원 : 1.73(g)/9.7(H)/14.9(W)/13.2(D) →저항값(Ω): No Loss & 0.00023 →Max.Amp : 9 →인장강도(NT) : 130 →Wire Size : 1.0~1.5mm <sup>2</sup> (AWG 16) - 0.5~0.75mm <sup>2</sup> (AWG 20~18)



<b>DI-21</b> (Dual) 2:2전선연결	<div>10 PCS</div> 	→제원 : 1.10(g)/7.2(H)/13.3(W)/15.3(D) →저항값(Ω) : No Loss & 0.00033 →Max.Amp : 6 →인장강도(NT) : 77 →Wire Size : 0.5 ~ 0.75㎟(AWG 20~18) - 0.2 ~ 0.4㎟(AWG 24~22)
<b>DI-22</b> (Dual) 2:2전선연결	<div>10 PCS</div> 	→제원 : 1.18(g)/7.2(H)/13.3(W)/15.3(D) →저항값(Ω) : No Loss & 0.00033 →Max.Amp : 9 →인장강도(NT) : 130 →Wire Size : 0.5 ~ 0.75㎟(AWG 20~18)
<b>IT-33</b> (I or T) 직결&분기	<div>10 PCS</div> 	→제원 : 1.16(g)/9(H)/12.7(W)/11(D) →저항값(Ω) : No Loss & 0.00012 →Max.Amp : 17 →인장강도(NT) : 280 →Wire Size : 1.0 ~ 1.5㎟(AWG 16)
<b>IT-43</b> (I or T) 직결&분기	<div>10 PCS</div> 	→제원 : 1.48(g)/10.1(H)/13.6(W)/11.7(D) →저항값(Ω) : No Loss & 0.00012 →Max.Amp : 17 →인장강도(NT) : 280 →Wire Size : 2.0 ~ 2.5㎟(AWG 14) - 1.0 ~ 1.5㎟(AWG 16)
<b>IT-44</b> (I or T) 직결&분기	<div>10 PCS</div> 	→제원 : 1.71(g)/10.3(H)/14.8(W)/12.2(D) →저항값(Ω) : No Loss & 0.00013 →Max.Amp : 24 →인장강도(NT) : 560 →Wire Size : 2.0 ~ 2.5㎟(AWG 14)
<b>IT-54</b> (I or T) 직결&분기	<div>10 PCS</div> 	→제원 : 무게(g)1.89/11.1(H)/14.9(W)/12.3(D) →저항값(Ω) : No Loss & 0.00013 →Max.Amp : 24 →인장강도(NT) : 560 →Wire Size : 3.5 ~ 4.0㎟(AWG 12) - 2.0 ~ 2.5㎟(AWG 14)
<b>IT-55</b> (I or T) 직결&분기	<div>10 PCS</div> 	→제원: 2.33(g)/11.3(H)/16.0(W)/13.9(D) →저항값(Ω) : 0.00012 →Max.Amp : 32 →인장강도(NT) : 710 →Wire Size : 3.5 ~ 4.0㎟(AWG 12~10)