

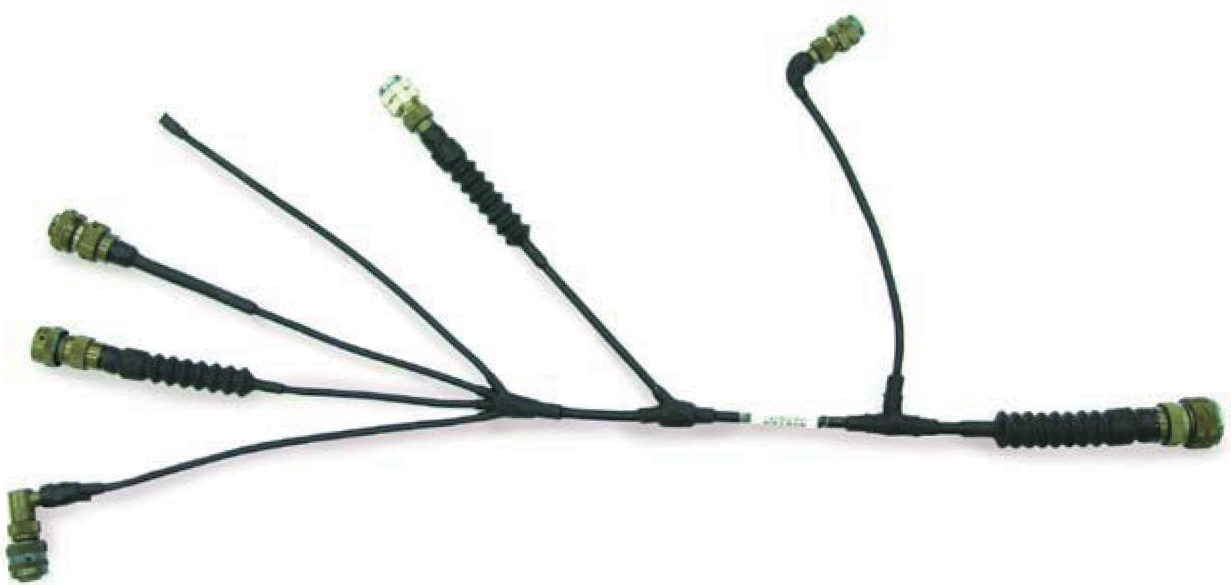
YH CABLE ASSEMBLY



YEONHAB

CABLE ASSEMBLY

케이블 조립체



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개요 (Overview)

케이블 조립체는 각종장비의 전원용, 신호전송용으로 사용되며 군 및 일반산업분야에도 다양하게 적용되고 있습니다. 본 안내책자에서는 당사에서 생산하는 제품의 일부를 수록하였으며 고객이 요구하는 모든 사양의 케이블 조립체를 제작할수 있습니다. 자세한 사항은 당사 영업부에 문의를 하시면 신속히 제작하여 드리겠습니다.

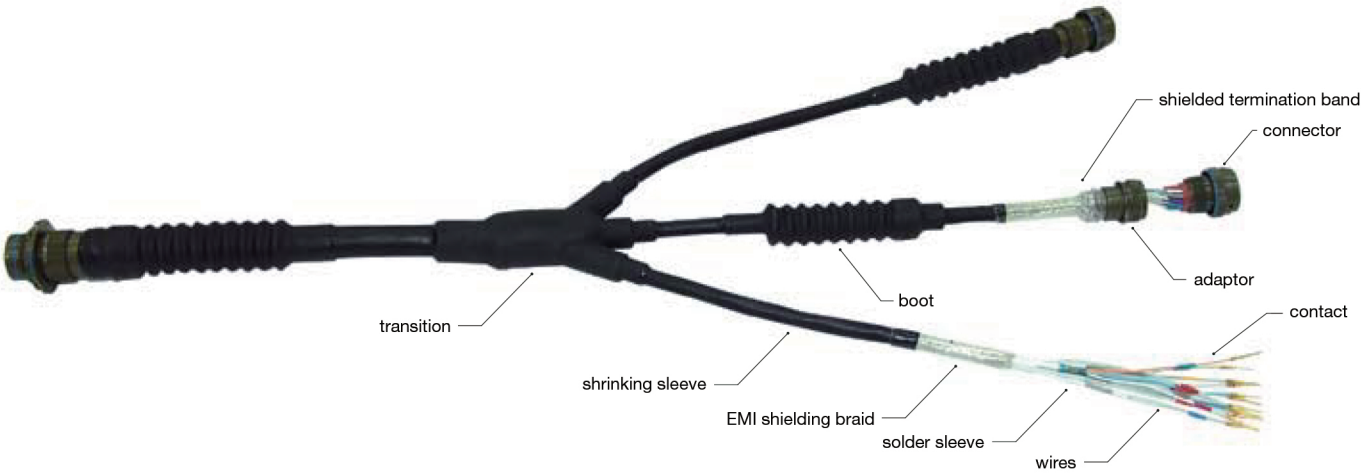
Cable assemblies are widely used in diverse equipment for power supply and signal transfer in military as well as commercial industries. This booklet presents a selection of products manufactured by Yeonhab. Custom cable assemblies can also be produced to meet any customer specifications.

용도 (Application)

항공 : KF-21, KUH, P-3C, 무인기 등
지상 : K1(A1,A2), K2, K9(A1,A2), 비호, 천마, K21, K200 계열 등
해상 : FFX-III, 소해함, PKX, 장보고-III 등
민수 : 철도차량, 의료기기, 로봇 등

AIR : KF-21, KUH, P-3C, unmanned aerial vehicle
LAND : K1(A2,A2), K2, K9(A2,A2), BI-HO, Pegasus, K21, K200
SEA : FFX-III, MCMV(mine countermeasure vessel), PKX, JangBoGo-III
PRIVATE DEMANDS : Railway vehicle, medical device, robot

케이블조립체 구성도 (Cable assembly diagram)



연합정밀(주)의 케이블조립체는 최고의 품질과 성능으로 신뢰성 있는 품질을 보장합니다. 케이블조립체에 사용되는 부품의 국산화(자체생산)을 통하여 수입대체와 공급가격의 저렴화로 기대효과를 높이고 있습니다.

Yeonhab Precision guarantees the reliable quality of its cable assemblies delivering outstanding performance and superior craftsmanship. Through localization and in-home production of components used in cable assemblies, Yeonhab Precision offers cost-saving advantages and effective alternatives to imported parts.

Cable Assembly (케이블 조립체)



Application	Used for transferring power and signals of various guided weapons
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Outer coating with diesel-resistance and low-temperature flexibility
	Waterproof type
	EMI shield may be designed and manufactured if needed

Cable assembly for tracked vehicles



Application	Used for transferring power and signals of various military tracked vehicles
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Outer coating with diesel-resistance and low-temperature flexibility
	Waterproof type
	EMI shield may be designed and manufactured if needed

Cable Assembly (케이블 조립체)



Application	Used for connecting lines of military wired equipment (switching appartus ↔ user)
Usage environment	For use with no more than 30 lines
Structure	Cable assembly (15M, 70M), terminal box(middle, end points), Reel assembly, terminal supporting prop
Characteristics	Lightening surge protection device attached

Cable assembly for naval vessel



Application	Used for cables and wires of various military vessels (76mm Automatic cannon loaded naval vessel engine wires)
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Steel wires and STS braid applicable
	Waterproof type

Cable Assembly (케이블 조립체)

Cable assembly for antennas



Application	Cable assembly that connects antennas of various communications devices
Usage environment	Frequency range : 200MHz ~ 1,850MHz
	Insertion loss : 0.5 ~ 8.0dB depending on the length of frequency range
	Voltage standing wave ratio : below 1.35 ~1.75 (per frequency range)
	Maximization of benefit by applying tube type for wire conductor

Cable assembly for power supply



Application	Used in various communication devices and military tracked vehicles for transferring power
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Outer coating with diesel-resistance and low-temperature flexibility
	Waterproof type
	EMI shield may be designed and manufactured if needed

Cable Assembly (케이블 조립체)

Cable assembly for engines



Application	Used in engines of tracked vehicles for transferring power. Used in power supplies, other auxiliary devices, and detection devices in vehicles for delivering power.
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Outer coating with diesel-resistance and low-temperature flexibility
	Waterproof type
	EMI shield may be designed and manufactured if needed

Cable assembly for signals



Application	Used for transferring signals between military radio and intercom communication equipment
Usage environment	Temperature : -55 ℃ ~ 135 ℃
	Outer coating with diesel-resistance and low-temperature flexibility
	Waterproof type
	EMI shield connector manufacturing
	EMI shield basic design manufacturing (Reduction: more 30-60dB in 10KHz~400MHz range)