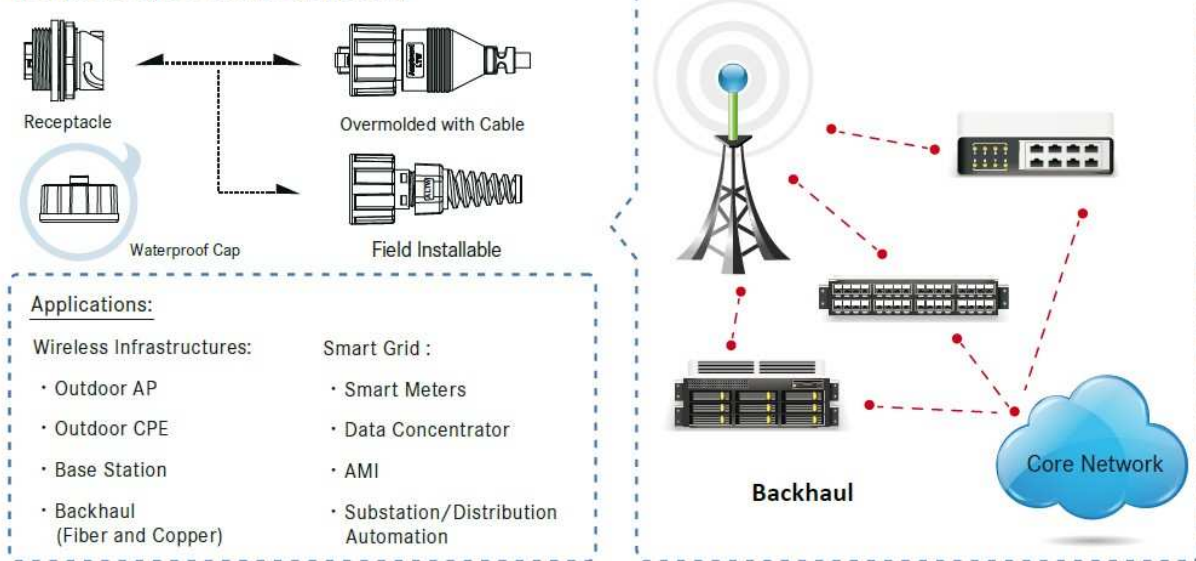


Amphenol LTW 's RJ45 (ODVA)

Receptacle and Mating Pair (ODVA)



Amphenol LTW offers new series meets the Ethernet/IP RJ45 standards.

Applications:

Wireless Infrastructures:

Outdoor AP - Outdoor CPE - Base Station - Backhaul (Fiber and Copper)

Smart Grid:

Smart Meters - Data Concentrator – AMI - Substation/Distribution Automation

Mechanical and electrical characteristics:

Interface connector	TIA/EIA-568	RJ45 TIA Cat 5e
Lock mechanism	IEC 61076-3-106	Bayonet socket connector
IP Degree of protection	IEC 60529	IP 67
Temperature range	EIA364-31B	-40°C to + 85°C
Contact resistance	EIA 364-23C	20 mΩ max.
Insulation resistance	E IA 364-21	500 mΩ min.

Mechanical and electrical characteristics:

Housing	Polyester, UL94-V0, UV Resistant
Fastening nut	Brass nickel plated
Housing sealing	Silicone
RJ45 Socket metal housing	Zinc Alloy, nickel plated
RJ45 Socket and plug contacts	Phosphor bronze, gold plated
Connector housing	Polyester, UL94-V0, UV Resistant
Cable termination	PVC (black), flame protection per UL94-V0, UV Resistant
RJ45 plug connector metal housing	Zinc Alloy, nickel plated