



JUMPER CABLE

Coaxial **Jumper Cable** is used to connect sensor cable segments and probes in series to form the sensing string. At least 50 ft (15 m) of JMP-U/-UD or JPL-U/-UD Jumper Cable [65 ft (20 m) of JPP] must be installed from the PAL-AT monitoring unit to the first section of the sensor cable. A minimum of 25 ft (8 m) of JMP-U/-UD or JPL-U/-UD jumper cable [30 ft (10 m) of JPP] must be installed at the very end of a sensing string. Refer to the PAL-AT Installation Manual for specific requirements.

Cable Type	Part No.	Maximum Temp °F (°C)	Outside Diameter in (mm)	Weight		Range Correction Factor
				lb 100 ft	(kg) 100 m	
JMP-U	8017715	180 (80)	.260 (7)	6.0	(9.0)	1.0
JMP-UD	8017718	180 (80)	.260 (7)	6.0	(9.0)	1.0
JPL-U	8017675	180 (80)	.405 (10)	11.0	(16.5)	.50
JPL-UD	8017680	180 (80)	.405 (10)	11.0	(16.5)	.50
JPP	8017685	400 (205)	.178 (4.5)	4.0	(6)	2.5

NOTE:

1. The effective length of the jumper cable is determined by multiplying the actual jumper cable length by the range correction factor.
2. Long Lengths of JPP will reduce the maximum allowable length of a sensing string.
3. Type JPP jumper cable is UL Listed for plenum application.
4. Type JMP-U/JPL-U jumper cables have a polyethylene jacket for outdoor, direct burial and wet applications where the jacket may be damaged. A waterblock material limits the spread of water through a cut in the jacket. JMP-UD/JPL-UD jumper cables have a polyethylene jacket without the waterblock for dry or wet locations where the cable jacket is unlikely to be damaged. The connector installation is easier without the waterblock.

CABLE CONNECTOR ASSEMBLY

When a cable splice is required, connection in the field is easily accomplished utilizing standard coaxial **Cable Connectors**.

CONNECTOR ASSEMBLY

- Consists of two plugs and one adapter as shown

SPECIFICATIONS

- Plug material: Brass-Nickel Plated
- Max. Overall Length: 3.875" (98 mm)
- Max. Diameter: 0.75" (19 mm)

NOTE:

1. RTV sealant (Part No. 8047640) is required in corrosive or wet environments for all cable connectors with shrink tubing.

Connector Part No.	Model No.	Cable Type	Remarks
8027785	CAJPL	JPL-U/-UD, JMP-U/-UD	Crimping Tool Required
8027786	CAJPLS	JPL-U/-UD, JMP-U/-UD	Crimping Tool Required, Includes Shrink Tubing
8027790	CAGOLD	AGW-GOLD, AGT-GOLD, JPP	Crimping Tool Required, Includes Shrink Tubing
8027791	CATFHG	TFH	Crimping Tool Required, Includes Shrink Tubing



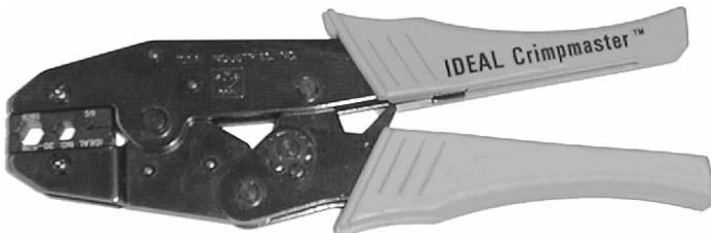
CAGOLD/CAJPL/CATFHG

CRIMP TOOL

A Crimp Tool is required to crimp connectors for Gold sensing cables and JPL jumper cables. It ensures a correct crimp each time. The Gold cables require a different die than the JPL cable. This PermaAlert approved crimp tool must be used with any crimp style connection.

NOTE:

1. CRPC and CRPG include tool and die.



Part No.	Model No.	Remarks
8068299	CRPCKIT	Includes CRPC & CRPG
8068300	CRPC	JPL-U/-UD, JMP-U/-UD
8068301	CRPG	GOLD CABLES, TFH, JPP
8068305	CRPT	TOOL ONLY/ LESS DIES
8068306	DIEC	DIE-JPL-U/-UD, JMP-U/-UD
8068307	DIEG	DIE-GOLD CABLES, TFH, JPP

CORD GRIP

A **Cord Grip** provides a means for passing a cable through a bulkhead or into a junction box to form a watertight seal.

SPECIFICATIONS

- Housing Material: Steel-Zinc Plated
- Grip Material: Neoprene



Part No.	Model No.	Thread Size	Remarks
8057955	GRPJ	½" NPT	JPP, TFH Cable
8057954	GRPJU	½" NPT	JMP-U/-UD Cable
8057958	GRPJPL	½" NPT	JPL-U/-UD Cable
8057950	GRPJPR	½" NPT	Probe lead wire

CABLE PULLING GRIP

A **Cable Pulling Grip** is used to grip the end of the cable during pulling operations.

SPECIFICATIONS

- Material: Stainless Steel
- Maximum Cable Diameter: .370" (9 mm)

Part No.	Model No.
8047500	CPG

**CABLE MOUNT**

An adhesive-backed **Cable Mount** is used to attach cables to flat surfaces. This fastener is normally spaced at 6 ft (2 m) intervals along the cable length. When installations require mounting to concrete surfaces, construction mastic should be used.

SPECIFICATIONS

- Material: Nylon
- Size: 1.0"L x .75"H x .75"W (25 mm x 19 mm x 19 mm)
- Package Quantity: 100 pieces

Part No.	Model No.
8057920	CMA

**CABLE TAG**

The **Cable Tag** is an adhesive-backed water resistant tag that can be attached to a PAL-AT cable. It identifies the cable as a PAL-AT leak detection cable and also provides an area to write the cable number and distance.

SPECIFICATIONS

- Package Quantity: 100 Tags

Part No.	Model No.
8057661	TAG



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