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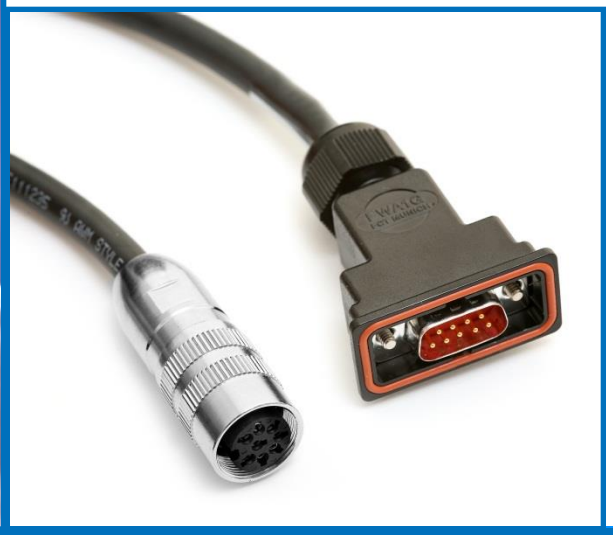


RETD/ & RETK/ Data Sheet

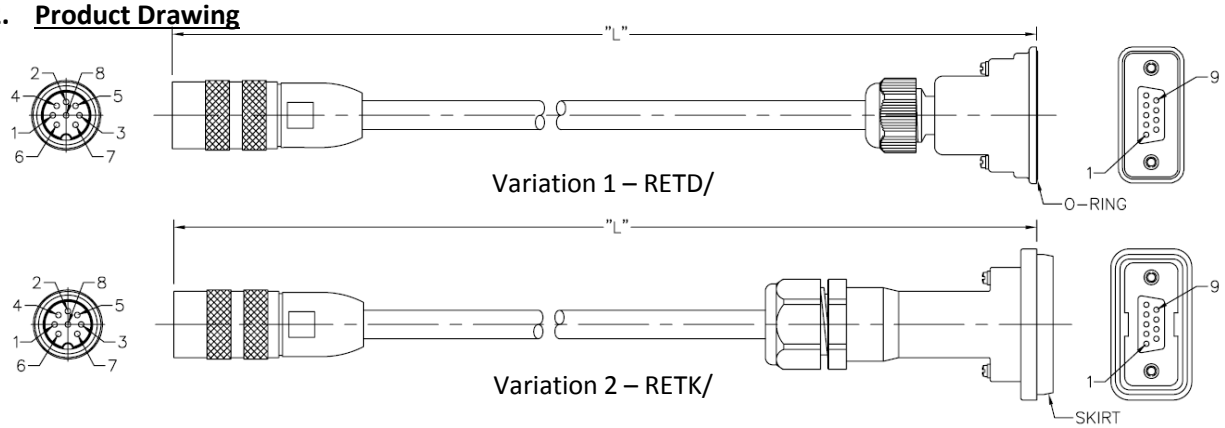
Remote Electrical Tilt (RET) Power Supply and Control Cable
5 Core – According to AISG 1.1 & 2.0

Remote Electrical Tilt (RET)
Multiwire Power Supply and Control Cable

1. General Description

This AISG multiwire cable is used to connect the Remote Radio Unit with the Remote Control Unit and to transmit the base station signals for controlling the RET antenna and offers protection to IP67.

2. Product Drawing



Where marked "L" see paragraph 6 for assembly length in metres.

3. Variations

Variations on the D-sub connector are used depending on OEM interconnect. Variation 1 (**RETD/)** uses a rectangular formed **o-ring** to create the IP67 seal, which seals directly against the mating half. Variation 2 (**RETK/)** uses a **skirt** to create the IP67 seal to allow for a raised mating half.

4. Components

4.1 Cable type

1 x Twisted Pair 0.25mm², 2 x Power Cores and 1 Ground Core 0.75mm². Outer sheath in black PUR with overall diameter 8mm. Halogen free, flame retardant and UV stable.

4.2 Connector Style

8 Pin female connector according to IEC 60130-9 to 9 way D Sub waterproof male connector. Fully soldered contacts. All connectors are UL94V-0.

5. Specification of Terminated RETD/ or RETK/ assemblies

Rated Current	5A
Temperature Range	-40°C to +80°C
Protection Class	IP67 mated
Overall Cable Diameter	8mm
Minimum Bending Radius	60mm (single) 120mm (repeat)
Flammability	Halogen Free, Flame Retardant
Relative Humidity	Up to 100%

6. Products

(Other lengths available on request)

Part Number	Length "L"	Weight	Part Number	Length "L"	Weight
RET*/0010	1M	170g	RET*/0200	20M	1880g
RET*/0020	2M	260g	RET*/0300	30M	2780g
RET*/0030	3M	350g	RET*/0500	50M	4580g
RET*/0050	5M	480g	RET*/0600	60M	5480g
RET*/0070	7M	710g	RET*/0700	70M	7280g
RET*/0100	10M	980g	RET*/1000	100M	9080g

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