Installation of Ruggedized Fiber Optic (FO) Cable between Instrument and Contact Probe

CAUTION: Do not apply excessive forces (pull or shear) greater than 10 lb to the cable. Do not bend the cable to a sharp radius smaller than 2.0 inches.

Instrument Side:

- 1. Remove the tape holding the fittings to the FO cable.
- 2. Unscrew the spring portion of strain relief from the strain relief body.
- 3. Screw the SMA-SMA connector on the end of FO cable to the bundle matcher adaptor on the front panel of the instrument.
- 4. Screw the nipple to the knob of the bundle matcher on the front of the instrument. Caution!, If a wrench is used to tighten the nipple, do not apply more then 5 in-lb torque.
- 5. Screw the spring portion of the strain relief finger-tight until the FO cable is held snugly.

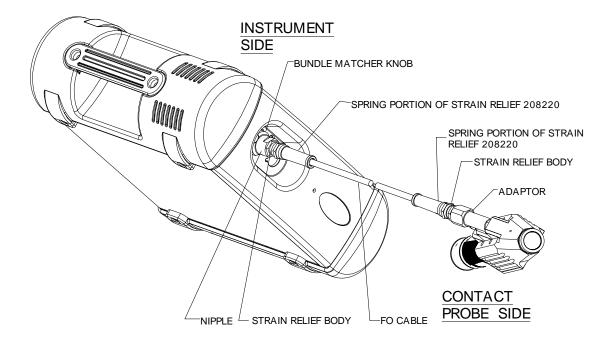
Contact Probe Side:

- 1. Remove strain relief (body and spring portion) supplied with Contact Probe.
- 2. Remove the tape holding the fittings to the FO cable.
- 3. Separate the spring portion of the strain relief from the body of the strain relief and remove the FO cable and plastic collar.
- 4. Screw the adaptor into the Contact Probe until the O-ring is completely squeezed. Use a 3/4"or crescent wrench if necessary.
- 5. Place the spring part of the strain relief and the plastic collar on the FO cable and insert the FO tip into the Contact Probe until it reaches the stop.
- 6. Tighten the spring portion of the strain relief finger-tight to hold the FO cable.

 NOTE: Make sure the FO tip stays butted against the stop in the Contact Probe while tightening the strain relief.

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