



Outside Plant Cable (Unshielded) Termination Instructions

April 2019

The Commscope Copper cable Part Numbers 5NF4, CS340, 1571A, 1572A and 1592A OSP cable is suitable for routing through water exposed pathways. They can be terminated directly on all Commscope outlets and on Category 6 Protectors where protection from electrical exposure is needed.

These cables are not listed for indoor placement. Ensure that all local codes are followed. Typical requirements include minimizing the distance of cables entering buildings and effective grounding of protectors.

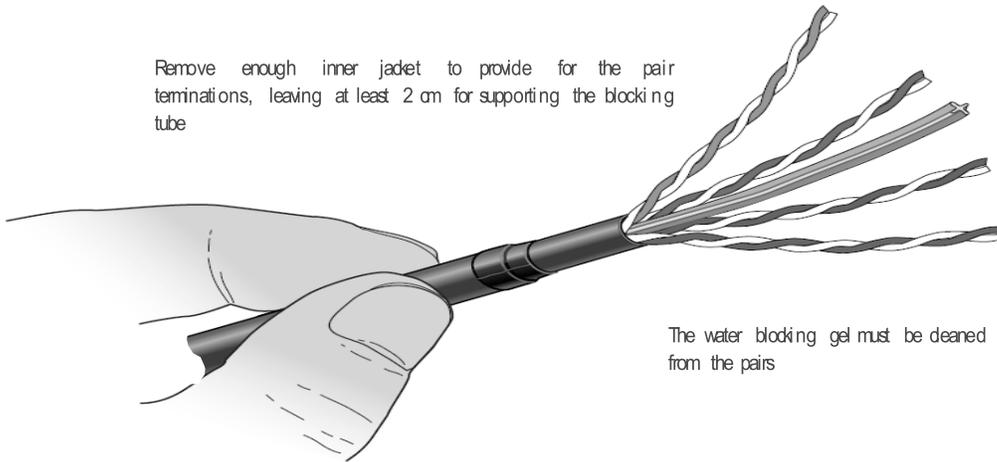
1572A and 1592A have an outer jacket and foil that are removed a short distance back from the termination and electrical tape is used to isolate the foil end.

**All other cables 5NF4, CS340 and 1571A (single jacket construction) must skip this step



Remove enough inner jacket to provide for the pair terminations, leaving at least 2 cm for supporting the blocking tube

The center flute must be cut off (*If applicable)



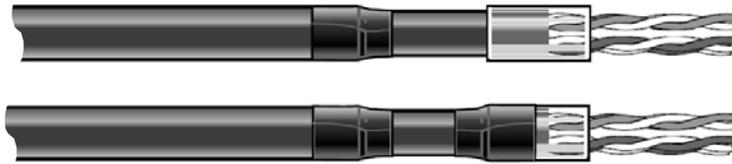
The water blocking gel must be cleaned from the pairs

Fill all space inside the tubing with B-sealant (700010911)

A 2cm length of Alpha Wire PVC-105-2 clear tubing or equivalent is used for end blocking to prevent the water blocking gel from leaking

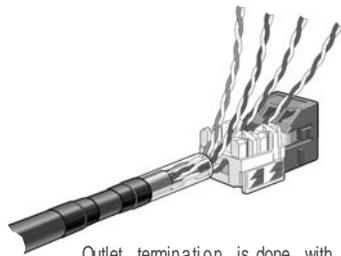


Position the filled tube to overlap the end of the inner jacket



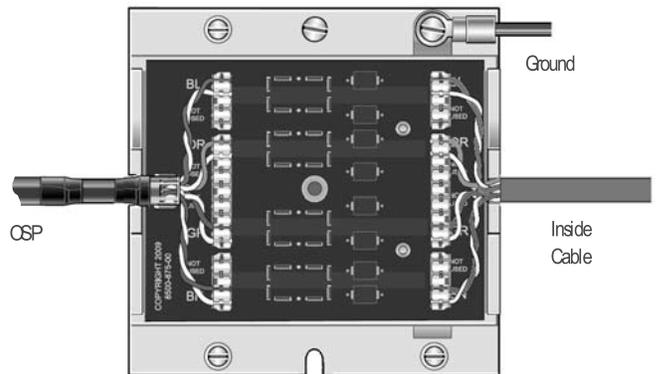
Clean of all excess sealant - Tape can be used to stabilize the tube for termination

Termination can be done before the sealant cures - ensure the seal is not compromised



Outlet termination is done with tube positioned directly behind

Protector termination requires a tube length that will fit inside the protector housing



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