

3-36 CABLESYSTEM IS SHOWN ENTERING A RAYCHEM FOSC 400D ROUND PORT. NOTE THAT THE CABLESYSTEM IS 'RECTANGULAR' AND THEREFORE THE HEAT SHRINK RATIO MUST BE CALCULATED BASED ON THE WIDTH OF THE CABLE AS OPPOSED TO THE CABLE'S HEIGHT. THE WIDTH OF THE 3-36 CABLESYSTEM IS 9.2mm (NOMINAL). ONE POSSIBLE SOLUTION INVOLVES USING AN INTERMEDIATE DUCT AND TWO HEAT SHRINK TUBES TO CREATE THE WATERPROOF SEAL.

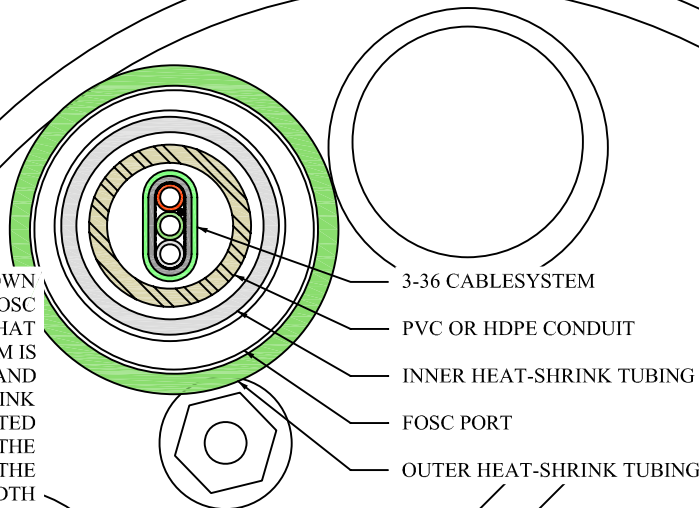
MICRODUCT 3/36 CABLE SYSTEM

MIN BEND RAD:
THIN DIRECTION: 140mm
WIDE DIRECTION: 300mm

MAX INSTALLATION PULL FORCE: 800N (80kg)

OUTER SHEATH REMOVAL: SHEATH CUTTERS WITH CARE

INNER SHEATH REMOVAL: USE RIPCORD PROVIDED



3-36 CABLESYSTEM

PVC OR HDPE CONDUIT

INNER HEAT-SHRINK TUBING

FOSC PORT

OUTER HEAT-SHRINK TUBING

3-36 CABLESYSTEM 19.2mm x 9.2mm.

WITHIN 8" SECTION OF PVC OR HDPE CONDUIT 22.3mm (7/8") INSIDE DIAMETER, 1/8" WALL THICKNESS.

USE TWO DIFFERENT SECTIONS OF HIGHLY FLEXIBLE POLYOLEFIN HEAT-SHRINK TUBING. THE INNER SECTION BINDS THE CONDUIT AND THE 3-36 CABLESYSTEM.

INNER SECTION IS HF-13 BY TYCO (RAYCHEM) OR EQUIVALENT - 33mm DIAMETER 9.5mm RECOVERED.

THE OUTER SECTION BINDS THE CONDUIT TO THE ROUND PORT OF THE FOSC 400D.

OUTER SECTION IS HF-20 - 50.8mm DIAMETER 19.1mm RECOVERED.

THE FOSC 400D IS ONE OF THE LARGEST FOSCS COMMONLY USED IN THE OUTSIDE PLANT NETWORK. SMALLER FOSCS OFTEN HAVE SMALLER PORTS AVAILABLE FOR THE 3-36 CABLESYSTEM AND WILL NOT REQUIRE THE INTERMEDIATE CONDUIT TO FORM A PROPER FIT.

TYCO RECOMMENDS HOT MELT ADHESIVE /97 (TAPE OR ADHESIVE LINED) OR FLAME RETARDANT MASTIC TAPE S1305 TO COMPLETELY SEAL THE HEAT-SHRINK TUBING TO THE CABLE AND FOSC PORT.



FOSC DETAIL - 3/36 CABLESYSTEM

- END VIEW - SCALE: N.T.S. - UPDATED 20070806

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