

JOINT ANGULAR DEFLECTION

Maximum angular deflection (turn) at each joint, considering both combined vertical and horizontal, must not exceed the amounts given in table below. The channel sections must be joined in straight alignment and thereafter deflected angularly as required.

For alignment deflections beyond those stated in the table below, a fitting is recommended.

Angular Deflection at the SmartDitch Joint

NOMINAL PRODUCT SIZE	MIN. RADIUS OF CURVATURE	MAX. ANGLE OF DEFLECTION
12"-depth trapezoidal application	10 feet (3.048 meters)	42°
24"-depth trapezoidal application	75 feet (33.86 meters)	19°
24"-depth semi-circular application	N/A (ridged design for above ground use)	N/A (ridged design for above ground use)



SmartDitch 12"- depth Straight Application Curvature