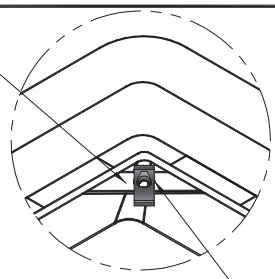
How to get ready for fiber optic?

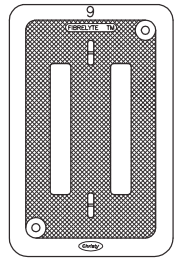
If you are building a new home, or installing other utilities it is often cost effective to install underground conduit for future fiber optic broadband. This minimizes disturbances and speeds up the installation process. Homes with existing telephone service often have conduits that can be used for fiber optic cable.

Conduit type	1” diameter Schedule 40 grey PVC conduit, you may also use the thinner DB120 grey PVC conduit which is available in 20’ lengths
Depth	Ideally 24” deep, but 18” is acceptable in areas that are unlikely to be disturbed.
Distance	Up to 250’ do not require a pull box, for distances greater than 250’ a pull box should be installed, every 250’ or less Conduit may follow a long radius curve, or follow a gentle path, but should not exceed more than a 90 degree bend without a pull box.
Pull Box	Concrete Christy N09 pull box with lid marked ‘Communications’ are available from local electrical distributers such as Platt Electrical
Sweeps into pull box	1” grey PVC 90 degree sweeps up into the pull box with a min of 10” between top of sweep and base of concrete lid
Sweeps underground	One 24” radius 1” sweep up to 90 degrees may be used in each 250’ section of conduit.
Glue	All conduit joints must be glued with grey PVC adhesive
Pull tape	No pull tapes/cords are required, they will be placed during fiber optic installation
Locating wires	Ensure that a minimum of 14g solid copper PVC jacketed cable is installed along side the conduit for easy future location
Driveways	Please contact us to assist with crossing under driveways or other hard surfaces.

Please contact us to arrange a site visit to review your plans to install conduit to avoid any costly mistakes!

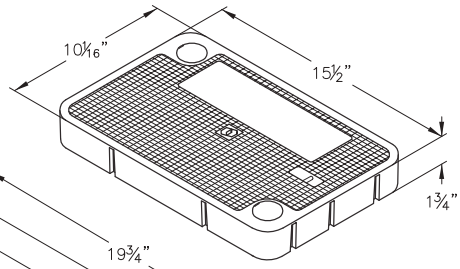
- Etched polypropylene face
- Face anchored in concrete
- Ultra–violet inhibitor
- Exceeds ASTM–D1693 Standards for Environmental Stress Cracking Resistance
- Meets Caltrans #3 1/2 State Specifications



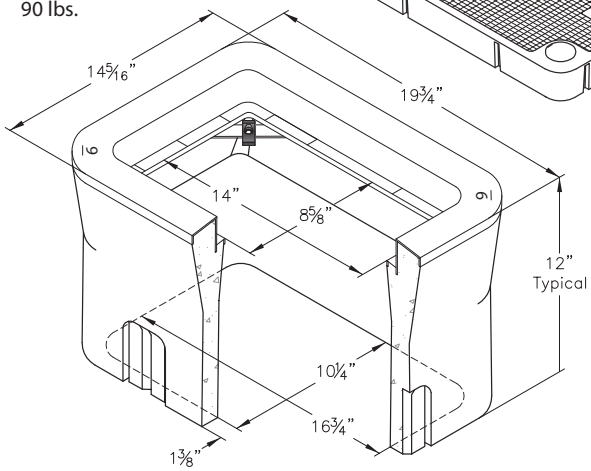


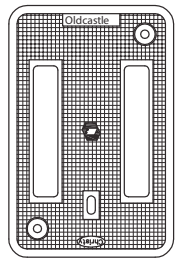
FL09T

R-Series **Concrete** Lid
No. N09R
20 lbs.

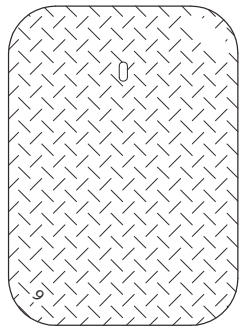


Electrical Box
No. N09 BOX
90 lbs.

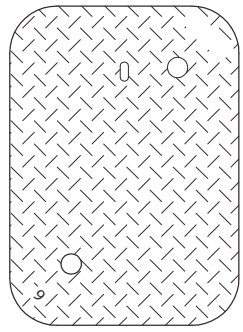




N09J



B09-61D



N09-61J

A high density reinforced concrete box with non–settling shoulders positioned to maintain grade and facilitate back filling. Approximate dimensions and weight shown.

Oldcastle Ordering Code	Item	Approx. Shipping Weight	Description
N09BOX	BOX	90 lbs.	N09 Electrical Box (10¼" x 16¾") – Meets #3–1/2 State Specifications – 28 per pallet
N09R	LID	20 lbs.	Reinforced Concrete Lid with Plastic Ring - (Order N90 Bolt Down Kit Separately)
FL09T	LID	5 lbs.	Fibrelyte Lid, Non–Concrete, Bolt Down (Order N90 Bolt Down Kit Separately)
N09J	LID	22 lbs.	Cast Iron Lid Bolt Down, (Order N90 Bolt Down Kit Separately)
B09–61D	COVER	22 lbs.	Steel Checker Plate Cover
N09–61J	COVER	22 lbs.	Steel Checker Plate Cover, Bolt Down (Order N90 Bolt Down Kit Separately)
B09X12	EXTENSION	87 lbs.	12" Reinforced Concrete Box Extension – 28 per pallet
B09SL	SLAB	32 lbs.	Reinforced Concrete Slab (13¾" x 19¾")
Galvanizing available on all steel covers.			

Oldcastle Infrastructure™ A CRH COMPANY

N09 BOX

FILE NAME: N09_ISO

ISSUE DATE: January, 2011

N09 ELECTRICAL BOX
10-1/4" x 16-3/4"
CHRISTY®