

# RACO® Nonmetallic Cable Boxes





MOST OFTEN REQUESTED ARTICLES OF THE 2008 NATIONAL ELECTRICAL CODE®	HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION
<p><b>314.27 (A) Boxes at Lighting Fixture Outlets.</b> Boxes used at lighting fixture outlets shall be designed for the purpose.</p>	<p>Our octagon boxes are designed for direct mounting of light fixtures. Device boxes are designed for the mounting, (by #6-32 screws), of devices such as snap-switches and receptacles. They are not suitable for support other than for very lightweight devices, such as a smoke alarm unit. (See Article 314.27 (A)) or wall fixtures 6 lbs. or less [See 314.27 (A) exception].</p>
<p><b>314.16 (A) Space for Conductors.</b> Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.</p>	<p>When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation. However, the canopy of the fixture/fan needs to be marked with the cubic inch capacity. The volume of an unmarked canopy may be used at the discretion of the local authority having jurisdiction.</p>
<p><b>314.27 (D) Boxes at Fan Outlets.</b> Outlet boxes shall not be used as the sole support for ceiling (paddle) fans. Exception: Boxes listed for the application shall be permitted as the sole means of support.</p>	<p>At any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be used. RACO offers a complete line of products designed for various applications and mounting needs.</p>
<p><b>314.27 (C) Floor Boxes.</b> Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them to be free from physical damage, moisture, and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section C in this catalog.</p>
<p><b>410.36 (A) Means of Support – Outlet Boxes.</b> Where the outlet box or fitting will provide adequate support, a fixture shall be attached thereto or be supported as required by Section 314.27(B) for boxes. A fixture that weighs more than 50 pounds (22.7 kg) shall be supported independently of the outlet box.</p>	<p>All outlet boxes that are intended to be used with fixtures are tested in accordance with UL Standard 514-A for steel boxes, 514-C for plastic boxes. The test does provide an ample margin for safety.</p>
<p><b>314.27 (D) Support of Ceiling Fans.</b></p> <p><b>(a) Ceiling Fans 35 lbs. or Less.</b> Listed ceiling fans that do not exceed 35 pounds in weight, with or without accessories, shall be permitted to be supported by outlet boxes identified for such use and supported in accordance with Sections 370-23 and 370-27.</p> <p><b>(b) Ceiling Fans Exceeding 35 lbs.</b> Listed ceiling fans exceeding 35 pounds in weight, with or without accessories, shall be supported independently of the outlet box. See Section 370-23.</p>	<p>If the outlet box is UL Listed for ceiling fan support, the maximum fan weight that can be supported is 35 pounds unless otherwise marked. The RACO® ceiling fan box (7120) is UL Listed for 70 lbs. RACO® ceiling fan outlet boxes use hardened screws for support of the fan. Captive star lock-washers prevent the screws from loosening, providing a safe and secure installation.</p>
<p><b>300.133 (A)(1)(C) Installation of Communications Wires, Cables, and Equipment – Electric Light or Power Circuits.</b> Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors of electric light or power circuits or Class 1 circuits.</p>	<p>When power and voice/data are brought to one enclosure, a means of dividing the wiring is required. RACO® has a variety of metallic and nonmetallic low voltage partitions.</p>
<p><b>406/11 Tamper-Resistant Receptacles</b> in dwelling units.</p>	<p>This prevents shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.</p>

## NONMETALLIC CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact and prevents box deformation


### Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

### Reference Data

- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7302RAC, 7820RAC

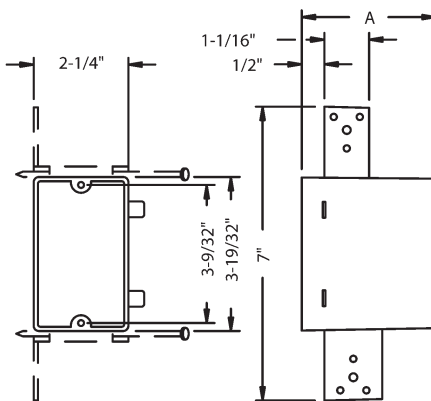
RACO NONMETALLIC  
CABLE BOXES

## ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION/SETBACK	CABLE KNOCKOUTS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7302RAC	Nails, 1/2" setback	4	18.0	100	
7820RAC	Nails, 1/2" setback	4	20.0	100	

DIMENSIONS	
CATALOG NUMBER	A (DEPTH)
7302RAC	2-3/4"
7820RAC	3-3/16"

### NONMETALLIC BOXES



# A64

## NONMETALLIC CABLE BOXES

### MULTIGANG

RACO NONMETALLIC CABLE BOXES

#### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

#### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact


#### Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

#### Reference Data

- Cable clamp U.S. Patent 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Four-gang box support U.S. Patent 5,065,968

#### Compliances

-  – Standard 514-C, – File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating (except 7645RAC), (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7835RAC



7645RAC



7846RAC

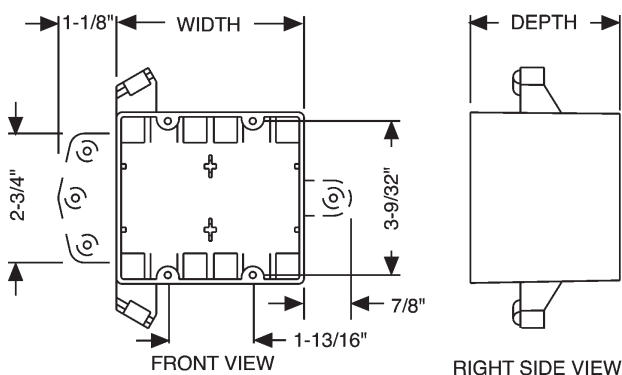
### ORDERING INFORMATION - DIMENSIONS

TWO-GANG WITH CAPTIVE NAILS FOR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7835RAC	Nails	8	32.0	15	

MULTI-GANG WITH CAPTIVE NAILS FOR METAL OR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7645RAC	Four-gang, nails, 1/2" setback bracket support	12	55.0	25	
7846RAC	Three-gang, nails, 1/2" setback	12	44.0	8	

DIMENSIONS			
CATALOG NUMBER	GANG	WIDTH	DEPTH
7835RAC	2	4"	2-29/32"
7846RAC	3	5-7/8"	2-3/4"
7645RAC	4	7-5/8"	2-5/8"

#### MULTI-GANG CABLE BOX



# NONMETALLIC CABLE BOXES

RACO NONMETALLIC  
CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists


### Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

### Reference Data

- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7308RAC



7717RAC



7318RAC



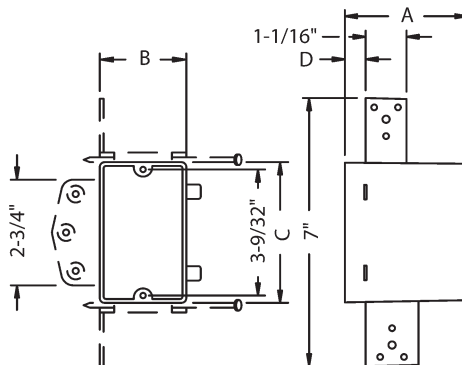
7881, 7883

## ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG WITH BRACKETS FOR METAL OR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION	CABLE KNOCKOUTS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7308RAC	Bracketed, shallow, 3/8" setback	2	8.0	25	
7318RAC	Flanged, shallow	2	8.0	25	
7717RAC	Face mount, 1/2" setback	4	20.0	100	
7881	Side mount, 5/8" setback	4	18.0	50	
7883	Side mount, 5/8" setback	4	20.3	50	

DIMENSIONS				
CATALOG NUMBER	A	B	C	D
7308RAC	1-1/4"	2-3/8"	3-1/2"	3/8"
7318RAC	1-1/4"	2-3/8"	3-1/2"	—
7717RAC	2-27/32"	2-1/4"	3-19/32"	1/2"
7881	2-27/32"	2-1/4"	3-19/32"	5/8"
7883	3-3/16"	2-1/4"	3-19/32"	5/8"

### NONMETALLIC BOXES



# A66

## NONMETALLIC CABLE BOXES

RACO NONMETALLIC CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Extra long, metal swing arms ensure secure installation
- RACO® 7122RAC and 7922RAC features wrap-around metal clamp to secure box to sheetrock


### Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound. 7122RAC and 7922RAC is polycarbonate

### Reference Data

- Old work support U.S. Patent 4,183,486
- Cable clamp U.S. Patent 4,874,905
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488

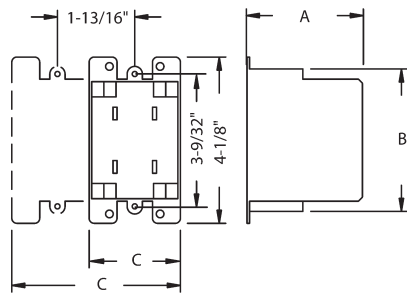


## ORDERING INFORMATION - DIMENSIONS

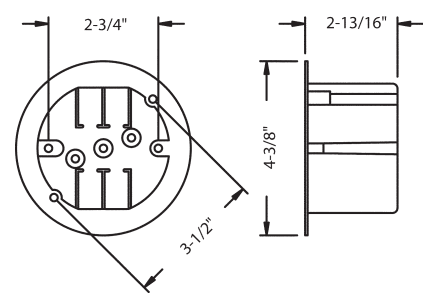
OLD WORK BOXES FOR NONMETALLIC SHEATHED CABLE						
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	MAX.RECOMMENDED SUPPORT LOADS FIXTURE (STATIC) LBS.	UPC BAR CODE
7887RAC	Single-gang, old work, flush mount	4	14.0	50	No	
7488RAC	Two-gang, old work, flush mount	6	25.0	30	No	
7122RAC	3-1/2" Round, old work, flush mount	4	18.0	100	5	
7922RAC	3-1/2" Round, old work, flush mount w/grnd. plate	4	18.0	100	No	

DIMENSIONS				
CATALOG NUMBER	GANG	A	B	C
7887RAC	1	2-29/32"	3-1/8"	2-1/4"
7488RAC	2	2-3/4"	4"	3"
7122RAC	—	2-11/16"	—	—
7922RAC	—	2-11/16"	—	—

CAT. NOS. 7887RAC, 7488RAC



CAT. NOS. 7122RAC, 7922RAC





# NONMETALLIC CABLE BOXES

## Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring systems or devices

## Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Oversized nail support that resists hammer impact and prevents box deformation
- The RACO® 980 BOX-LOC® for metal studs can be installed to either the 7220RAC or 7232RAC quickly and easily. With just a push, it simply snaps into the grooves on the side of box. The 978 far-side box support can be added to complete a rigid and secure installation

## Standard Material

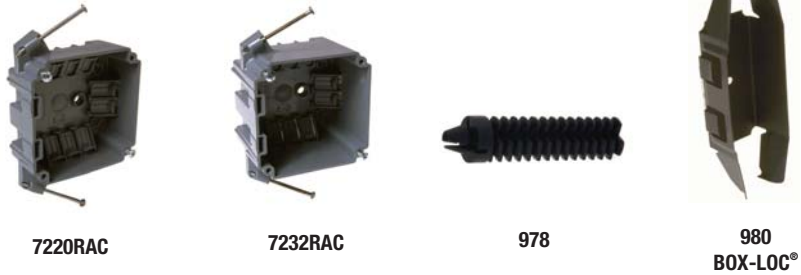
- Made of heavy-duty PVC (Polyvinyl chloride) compound

## Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

## Compliances

- **UL** – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



RACO NONMETALLIC CABLE BOXES

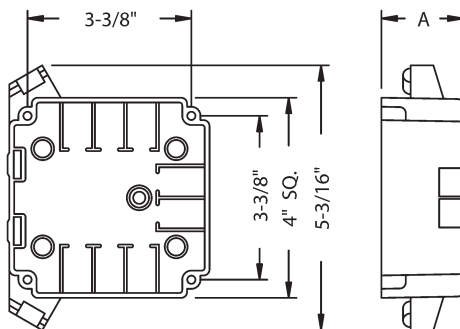
## ORDERING INFORMATION - DIMENSIONS

4" SQUARE WITH CAPTIVE NAILS FOR METAL* OR WOOD STUDS FOR NONMETALLIC SHEATHED CABLE					
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7220RAC	Nails	8	18.0	8	
7232RAC	Nails	10	32.0	8	

ACCESSORIES			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
978	Far-side box support	50	
980	BOX-LOC® metal stud clip	50	

DIMENSIONS	
CATALOG NUMBER	A (DEPTH)
7220RAC	1-5/8"
7232RAC	2-5/8"

## NONMETALLIC BOXES



# A68

## NONMETALLIC CABLE BOXES

RACO NONMETALLIC CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring systems or devices
- For use wherever lighting fixture canopies are to be installed
- Ceiling boxes on this page are not designed for ceiling fan support

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- Oversized nail support that resists hammer impact and prevents box deformation


### Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

### Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliances

-  – Standard 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7919RAC GRD. PLATE  
7119RAC W/O PLATE



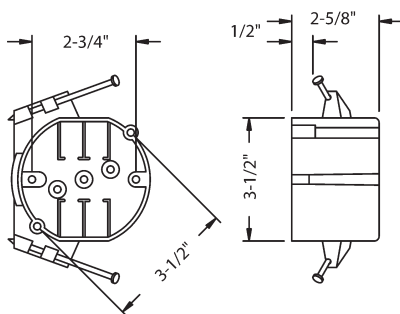
7823RAC GRD. PLATE  
7824RAC W/O PLATE

### ORDERING INFORMATION - DIMENSIONS

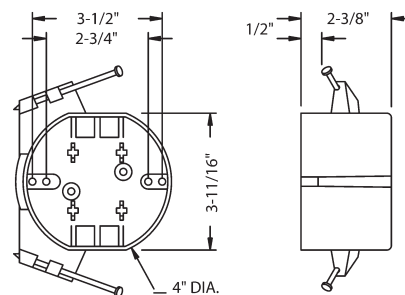
3-1/2" ROUND CEILING WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7119RAC	Nails, 1/2" setback	4	18.0	75		No	50
7919RAC	Nails, grd. plate 1/2" setback	6	18.0	75		No	50

4" ROUND CEILING WITH CAPTIVE NAILS FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7824RAC	Nails, 3/8" setback	4	20.0	75		No	50
7823RAC	Nails, grd. plate 3/8" setback	4	20.0	75		No	50

CAT. NOs. 7119RAC, 7919RAC



CAT. NOs. 7823RAC, 7824RAC





# NONMETALLIC CEILING CABLE BOXES

RACO NONMETALLIC  
CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring systems or devices
- RACO® 7907, 7307, 7825, 7826RAC are not designed for ceiling fan support

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- For use wherever fans (Cat. #7120, 7120-1, 7120VB only) or lighting fixture canopies are to be installed


### Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

### Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119; Mexico Patent 179,825

### Compliances

-  – Standard 514-C, File E104681 and R9320
- All versions of RACO® 7120 are UL approved for nonmetallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7907 GRD. PLATE  
7307 W/O PLATE

7825 GRD. PLATE  
7826RAC W/O PLATE

SADDLE BOX™  
7120, 7120-1

7120VB

## ORDERING INFORMATION - DIMENSIONS

3-1/2" ROUND CEILING SET-UP FOR SPANNING FROM JOIST TO JOIST FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7307*	Adj. 14-3/4" - 22-1/2"	4	18.0	25		No	50
7907*	Adj. 14-3/4" - 22-1/2" Ground plate	4	18.0	25		No	50

\* UL Rated at 16" on center

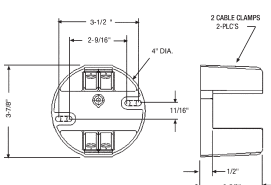
4" ROUND CEILING SET-UP FOR SPANNING FROM JOIST TO JOIST FOR NONMETALLIC SHEATHED CABLE							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7826RAC*	Adj. 14-3/4" - 22-1/2"	6	20.0	25		No	50
7825*	Adj. 14-3/4" - 22-1/2" Ground plate	6	20.0	20		No	50

\* UL Rated at 16" on center

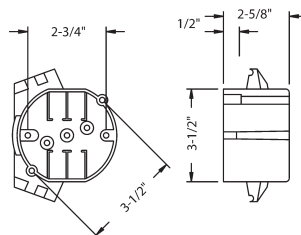
4" ROUND CEILING FAN/FIXTURE BOX FOR NONMETALLIC SHEATHED CABLE OR CONDUIT								
CATALOG NUMBER	DESCRIPTION	KNOCK-OUTS SIDES	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
							CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120*	Ceiling fan box	2-1/2"	4	12.5	20		70	210
7120-1	Ceiling fan box	2-1/2"	4	12.5	24		70	210
7120VB	Ceiling fan	2-1/2"	4	12.5	24		70	210

\*Packaged in a stackable, individual chipboard box suitable for shelf display

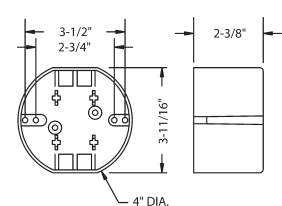
CAT. NOs.  
7120, 7120-1, 7120VB



CAT. NOs.  
7307, 7907



CAT. NOs.  
7825, 7826RAC



# A70

## NONMETALLIC CABLE BOXES

CSA CERTIFIED

RACO NONMETALLIC CABLE BOXES

### Applications

- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring systems or devices

### Product Features

- RACO® nonmetallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-gripping wire entry clamps
- All outlet boxes have a front-mounted grounding screw with combination straight/ Robertson head
- Positioning tabs provide fast, accurate mounting on studs or joists
- Grounding screw provided

### Standard Materials

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation



7320

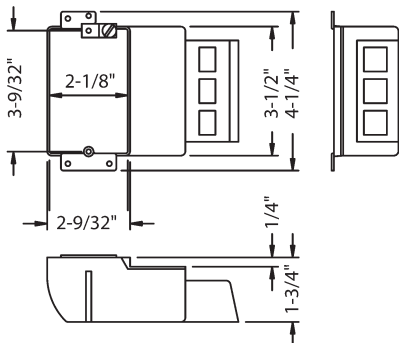


7321

### ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG SHALLOW, FAST WIRE				
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7320	Shallow, fast wire	17.0	50	—
7321	Fast wire clamp	—	1000	—

### CAT. NO. 7320



### Compliances

- – Specifications C22.2 #18
- Federal Manufacturer's number 28488



# NONMETALLIC CABLE BOXES

## VAPOR BARRIER

### Applications

- Vapor barrier boxes prevent unwanted penetration of exterior air and help maintain the existing interior environment from elements outside of the structure
- RACO® nonmetallic vapor barrier cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- RACO® nonmetallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Serve as fixture support
- Provide excellent protection for wiring systems or devices
- RACO® 2008 FBAR is not designed for ceiling fan support



### Product Features

- Self-gripping wire entry clamps
- 2008FBAR, 7120VB boxes have a front-mounted grounding screw with combination straight/ Robertson head
- Vapor/air barrier flange and integral wire entry seal provides superior energy savings and quick installation
- Unique saddle design straddles standard joists
- Hands free installation
- For 1/2", 5/8", or 3/4" drywall
- 7120VB prevents unwanted penetration of exterior air and helps maintain the existing interior environment from the elements outside the structure
- Fits any 1-1/2" wide joist

### Standard Material

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation

### Compliances

-  – Specifications C22.2 #18  
2011FBAR, 2002FBAR, 2003FBAR, 2008FBAR
- Federal Manufacturer's number 28488
-  – Standard 514-C, File E104681  
7120VB



RACO NONMETALLIC CABLE BOXES

## ORDERING INFORMATION - DIMENSIONS

VAPOR BARRIER SWITCH BOX - 2-1/4" W. x 3-3/4" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2011FBAR	Single-gang with flush bracket, 1/2" setback	4	18.0	100	

VAPOR BARRIER 2-GANG SWITCH BOX - 4-1/8" W. x 3-5/8" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2002FBAR	Two-gang with flush bracket, 1/2" setback	8	37.0	50	

VAPOR BARRIER 3-GANG SWITCH BOX - 5-7/8" W. x 3-5/8" H. x 2-3/4" D.					
CATALOG NUMBER	DESCRIPTION SETBACK	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
2003FBAR	Three-gang with flush bracket, 1/2" setback	12	51.0	50	

VAPOR BARRIER 4" ROUND CEILING BOX - 2-1/4" D.							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
2008FBAR	Round box with flush bracket, 1/2" setback	4	22.0	50		No	50

VAPOR BARRIER 4" ROUND CEILING FAN BOX - 2-39/64" D.							
CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120VB	Ceiling fan box	4	12.5	24		70	210





# A72

## ENT NONMETALLIC BOXES

RACO NONMETALLIC CABLE BOXES

### Applications

- RACO® ENT boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

### Product Features

- Knockouts offer greater flexibility with RACO's 1/2" and 3/4" knockout
- TKO® products help to reduce the number of products needed to do the same job
- Unique bracket design features automatic setback gauges for quick installation


### Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

### Reference Data

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

### Compliances

-  – 514-C, File E104681 and R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



7050

7053

7054

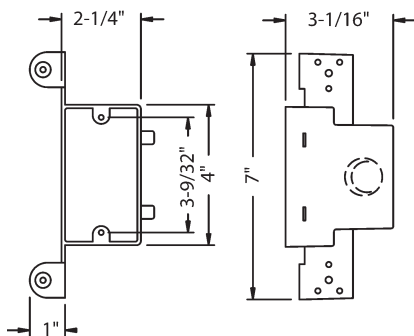
### ORDERING INFORMATION - DIMENSIONS

SINGLE-GANG - METAL OR WOOD STUDS FOR ENT							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM			
7050	Bracketed 1/2" setback	1	2	—	18.0	50	

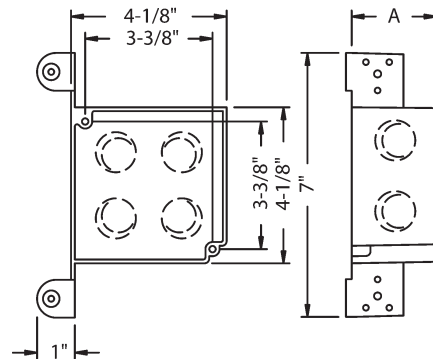
4" SQUARE - METAL OR WOOD STUDS FOR ENT							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE
		SIDES	ENDS	BOTTOM			
7053	Bracketed	2-1/2"	6-1/2"	4-1/2"	22.5	50	
7054	Bracketed	2	4	4-TKO®	31.0	50	

DIMENSIONS	
CATALOG NUMBER	A INSIDE
7053	1-1/2"
7054	2-1/8"

CAT. NO. 7050



CAT. NOs. 7053, 7054



**ENT NONMETALLIC BOXES**

RACO NONMETALLIC  
CABLE BOXES

**Applications**

- RACO® ENT boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- Ceiling boxes on this page are not designed for ceiling fan support

**Product Features**

- Knockouts offer greater flexibility with RACO's combination 1/2" and 3/4" knockout
- Combination knockouts help to reduce the number of products needed to do the same job


**Standard Material**

- Made of heavy-duty engineered compound. Base material is polycarbonate

**Reference Data**

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

**Compliances**

-  - 514-C, File E195978
- File E104681, R9320
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



7052



7051

**ORDERING INFORMATION - DIMENSIONS**

**4" ROUND CEILING BOX FOR ENT**

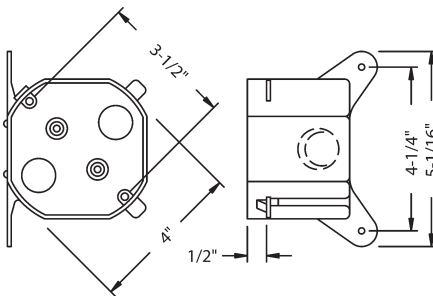
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7052	Bracketed 1/2" Setback	4	2-1/2"	20.3	50		No	50

**4" ROUND CEILING - SET-UP FOR SPANNING FROM JOIST TO JOIST FOR ENT**

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
*7051	Adjusts 14-1/4 to 22-1/2"	4	2-1/2"	20.3	25		No	50

\*UL Rated at 16" on center

CAT. NOS. 7052, 7051



# A74

## NONMETALLIC BOX ACCESSORIES

### COVERS, PLASTIC RINGS, PARTITIONS, STRAPS

RACO NONMETALLIC CABLE BOXES

#### Applications

- RACO® ENT covers and plaster rings are used to finish off box installations
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

#### Covers, Plaster Rings, Straps


##### Standard Materials

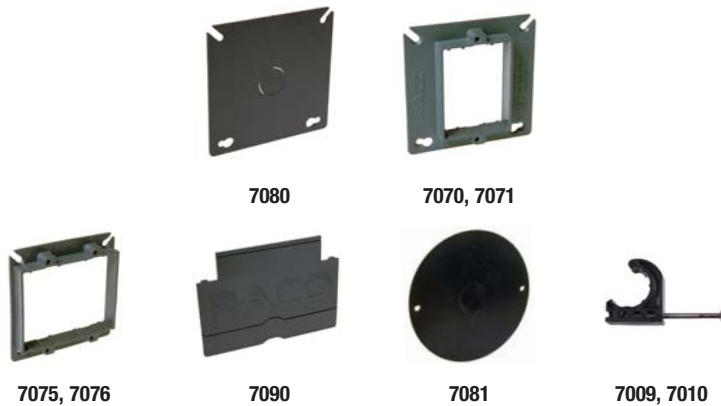
- Made of heavy-duty PVC (Polyvinyl chloride) compound. 7081 is polycarbonate
- 7009 and 7010 are polyethylene

#### Reference Data

- ENT box U.S. Patent 4,844,275
- Mounting Holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex Device Holes U.S. Patent 4,666,055; Canada Patent 1,260,599

#### Compliances

-  – 514-C, File E104681 and R9320
- Covers are listed for their Electrical Applications (Electrical Codes), UL Green Book
- ANSI/NEMA TC13-1986
- Federal Manufacturer's number 28488



### ORDERING INFORMATION - DIMENSIONS

4-1/8" SQUARE/ 4" ROUND - COVERS/PLASTER RINGS/PARTITIONS				
CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE
7080	Flat, 1/2" KO in center	—	50	
7070	Raised, 1/2", 1 - device	3.3	50	
7071	Raised, 5/8", 1 - device	4.0	50	
7075	Raised, 1/2", 2 -device	6.0	50	
7076	Raised, 5/8", 2 - device	7.3	50	
*7090	Voltage partition	—	50	
7081	Round, flat, 1/2" KO in center	—	50	

\* Not UL Listed

ENT CONDUIT STRAP			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
7009	1/2" with preset nail	1000	—
7010	3/4" with preset nail	500	—

