

A Buying Guide for AES Antenna Installations

Remote Rubber Duck Antenna

7214 Omni-directional Rubber Duck Antenna

2.5dB Tamper Resistant Antenna - TNC Female *Included with Subscriber purchase

Note: Recommended distance when remoting an antenna with LMR-400 cable is 100 ft. or less.

Rubber duck antennas are for indoor installations



Installation Type

What You Will Need







Select the cable that is the right length for your installation

Part #'s (select one): 7214-EMK-6 (6 Ft. Cable) 7214-EMK-10 (10 Ft. Cable) 7214-EMK-25 (25 Ft. Cable)



Kit includes a mount and cable with a TNC male and TNC female with bulkhead

Part # 7214

2.5 Rubber Duck Antenna*



INDOOR 50 ft. or less from the Subscriber



Subscriber



Part # 12-0181-RFB

Connector N female and TNC female with bulkhead



Part #'s (select one): 13-LMR400-25 (25 ft.) 13-LMR400-50 (50 ft.)

LMR-400 Cable with two N male connectors



Part # 12-0181-R

TNC male to N female adaptor



Part # 7214-EMK-NC

Mount without cable



Part # 7214

2.5 Rubber Duck Antenna *



Remote Phantom Antenna

7264-PA-SUB Phantom Antenna with Mount

Phantom Antenna including NMO Mount (12-0181-NMO) with TNC female with bulkhead



7264-PA-SUB

Note: Recommended distance when remoting an antenna with LMR-400 cable is 100 ft. or less.

Outdoor antennas should always use a surge protector!

Also available:





Installation Type What You Will Need

Select the cable that is the right length for your installation

Part #'s (select one): 7214-EMK-6 (6 Ft. Cable) 7214-EMK-10 (10 Ft. Cable) 7214-EMK-25 (25 Ft. Cable)

Kit includes a mount and cable with a TNC male and TNC female with bulkhead

Part # 7264-PA-SUB



Phantom Antenna including NMO Mount (12-0181-NMO) with TNC female with bulkhead



INDOOR

6, 10, or 25 ft. from

the Subscriber

INDOOR 25 to 50 ft. from the Subscriber



Subscriber

Subscriber

Part # 12-0181-RFB

Connector N female and TNC female with bulkhead

Part #'s (select one): 13-LMR400-25 (25 ft.) 13-LMR400-50 (50 ft.)

LMR-400 Cable with two N male connectors



TNC male to N female adaptor

Surge

protector

with two N

females

Part # 7214-EMK-NC

Mount without cable









Subscriber



Connector N female and TNC female with hulkhead



13-I MR400-100

100 ft. LMR-400 Cable with one N male connector



Part # 12-0101

Connector type N crimp on (connects surge protector)

Qty. 3



12-0181-R

TNC male to N female adaptor



Mount without cable



bulkhead

Phantom Antenna including NMO Mount (12-0181 NMO) with TNC female with bulkhead



Remote 3dB or 5dB Antenna

7210-3 or 7210-5 dB Antenna

3dB or 5dB Omni-directional UHF Antenna (includes 52-0057 mounting kit). Antenna made of stainless steel





Note: Recommended distance when remoting an antenna with LMR-400 cable is 100 ft. or less.

Outdoor antennas should always use a surge protector!

Also available:





Installation Type What You Will Need



INDOOR 25 ft. or less from the Subscriber



Subscriber

Select the cable that is the right length for your installation

Part #'s (select one): 7220-10-N-TNCFB 7220-25-N-TNCFB

RG-58 Cable with N male and TNC female with bulkhead



7210 and NMO mount with N female



INDOOR 50 ft. or less from the Subscriber



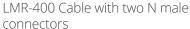
Subscriber

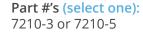
Part # 12-0181-RFB



Connector N female and TNC female with bulkhead

Part #'s (select one): 13-LMR400-25 (25 ft.) 13-LMR400-50 (50 ft.)







7210 and NMO mount with N female





25 ft. or less from the Subscriber



Subscriber

Part #'s (select one): 7220-10-N-TNCFB



RG-58 Cable with N male and TNC female with bulkhead

Part # 12-0104

Connector type N crimp on (connects surge protector)

Qty. 2

Part # 7230

Surge protector with two N females



7210 and NMO mount with N female







Subscriber

Part # 12-0181-RFB

Connector N female and TNC female with bulkhead



100 ft. LMR-400 cable with one N male connector

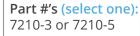


Connector type N crimp on (connects surge protector)

Qty. 3



Surge protector with two N females



7210 and NMO mount with N female





Remote 6dB, 7dB, or 9dB Antenna

7210-6, 7210-7, or 7210-9 dB Antenna

6dB, 7dB, or 9dB Omni-directional UHF Antenna (includes mounting kit). Antenna made of fiber glass



Note: Recommended distance when remoting an antenna with LMR-400 cable is 100 ft. or less.

Outdoor antennas should always use a surge protector!

Also available:





7210-6 7210-7 7210-9						
Installation Type	What You Will Need					
OUTDOOR 25 ft. or less from the Subscriber	Subscriber	Part # 12-0181-RFB Connector N female and TNC female with bulkhead	Part #'s (select one): 7220-10-N-TNCFB 7220-25-N-TNCFB RG-58 Cable with N male and TNC female with bulkhead	Part # 12-0104 Connector type N crimp on (connects surge protector) Qty. 2	Part # 7230 Surge protector with two N females	Part #'s (select one): 7210-6, 7, or 9 Includes mounting kit
OUTDOOR 25 to 50 ft. from the Subscriber	Subscriber	Part # 12-0181-RFB Connector N female and TNC female with bulkhead	Part #'s (select one): 13-LMR400-25 (25 ft.) 13-LMR400-50 (50 ft.) LMR-400 Cable with two N male connectors	Part # 12-0101 Connector type N crimp on (connects surge protector) Qty. 2	Part # 7230 Surge protector with two N females	Part #'s (select one): 7210-6, 7, or 9 Includes mounting kit
OUTDOOR 50 to 100 ft. from the Subscriber	Subscriber	Part # 12-0181-RFB Connector N female and TNC female with bulkhead	Part # 13-LMR400-100 100 ft. LMR-400 Cable with one N male connector	Part # 12-0101 Connector type N crimp on (connects surge protector) Qty. 3	Part # 7230 Surge protector with two N females	Part #'s (select one): 7210-6, 7, or 9 Includes mounting kit

