

# Rigid Metal Conduit Expansion Couplings and Bonding Jumpers

## Applications

- “XJ” Expansion Couplings provide for movement that takes place on long runs of conduit installed in buildings of great length and between Divisions of buildings which are sectioned apart by structural expansion joints.

## Features

- Couplings have the equivalent of weather-tight joints for use with heavywall conduit.
- Metallic packing ring to insure the entire conduit system remains a continuous electrical conductor.
- Copper Bonding Jumpers are available to provide additional effective metallic bond to each conduit run.
- “XJ” Expansion Couplings have been Listed by UL for use with Bonding Jumpers in indoor and outdoor locations.

## Material/Finish

- XJ: malleable iron
- BJ: copper
- Hot-dip galvanized

## NEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E14814



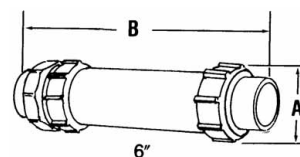
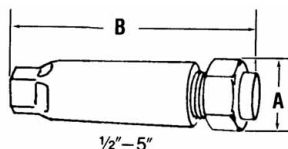
Expansion Couplings




Bonding Jumper

## Expansion Couplings

Size (Inches)	Dimensions In Millimeters (Inches)		Weight Per 100 kg (lb)	Catalog Number
	A	B		
<b>4 Inch Movement XJ Expansion Couplings</b>				
1/2	50.8 (2.00)	158.8 (6.25)	77.1 (170.00)	XJ504
3/4	57.2 (2.25)	162.1 (6.38)	90.7 (200.00)	XJ754
1	66.8 (2.63)	168.4 (6.63)	127.0 (280.00)	XJ1004
1-1/4	79.5 (3.13)	168.4 (6.63)	158.8 (350.00)	XJ1254
1-1/2	88.9 (3.50)	168.4 (6.63)	226.8 (500.00)	XJ1504
2	101.6 (4.00)	181.1 (7.13)	317.5 (700.00)	XJ2004
2-1/2	114.3 (4.50)	190.5 (7.50)	362.9 (800.00)	XJ2504
3	136.7 (5.38)	206.5 (8.13)	499.0 (1100.00)	XJ3004
3-1/2	152.4 (6.00)	215.9 (8.50)	657.7 (1450.00)	XJ3504
4	168.4 (6.63)	219.2 (8.63)	839.1 (1850.00)	XJ4004
5	203.2 (8.00)	241.3 (9.50)	1020.6 (2250.00)	XJ5004
<b>8 Inch Movement XJ Expansion Couplings</b>				
1/2	50.8 (2.00)	260.4 (10.25)	122.5 (270.00)	XJ508
3/4	57.2 (2.25)	263.7 (10.38)	145.1 (320.00)	XJ758
1	66.8 (2.63)	270.0 (10.63)	199.6 (440.00)	XJ1008
1-1/4	79.5 (3.13)	270.0 (10.63)	235.9 (520.00)	XJ1258
1-1/2	88.9 (3.50)	270.0 (10.63)	326.6 (720.00)	XJ1508
2	101.6 (4.00)	282.7 (11.13)	467.2 (1030.00)	XJ2008
2-1/2	114.3 (4.50)	292.1 (11.50)	530.7 (1170.00)	XJ2508
3	136.7 (5.38)	308.1 (12.13)	703.1 (1550.00)	XJ3008
3-1/2	152.4 (6.00)	317.5 (12.50)	884.5 (1950.00)	XJ3508
4	168.4 (6.63)	320.8 (12.63)	1088.6 (2400.00)	XJ4008
5	203.2 (8.00)	342.9 (13.50)	1496.9 (3300.00)	XJ5008
6	241.3 (9.50)	390.7 (15.38)	2562.8 (5650.00)	XJ6008



# Rigid Metal Conduit Expansion Couplings and Bonding Jumpers

Bonding Jumpers		
	Description	Catalog Number
	<b>4 Inch Movement Copper Bonding Jumpers</b>	
	Used on XJ50-4 and XJ75-4	<b>BJ45075</b>
	Used on XJ100-4 and XJ125-4	<b>BJ41012</b>
	Used on XJ150-4 and XJ200-4	<b>BJ41520</b>
	Used on XJ250-4 and XJ300-4	<b>BJ42530</b>
	Used on XJ350-4 and XJ400-4	<b>BJ43540</b>
	Used on XJ500-4	<b>BJ45060</b>
	<b>8 Inch Movement Copper Bonding Jumpers</b>	
	Used on XJ50-8 and XJ75-8	<b>BJ85075</b>
	Used on XJ100-8 and XJ125-8	<b>BJ81012</b>
Used on XJ150-8 and XJ200-8	<b>BJ81520</b>	
Used on XJ250-8 and XJ300-8	<b>BJ82530</b>	
Used on XJ350-8 and XJ400-8	<b>BJ83540</b>	
Used on XJ500-8 and XJ600-8	<b>BJ85060</b>	