

XJ Expansion Fittings

For Rigid Metal Conduit.

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

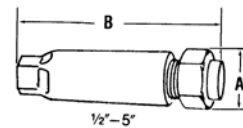
- XJ: malleable iron
- BJ: copper
- Hot-dip galvanized

NEC Certifications and Compliances

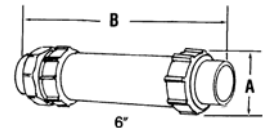
- UL Standard: 467
- UL Listed: E14814



Expansion Couplings



4" Movement



8" Movement



Bonding Jumper

XJ Expansion Couplings — 4" Movement - 2" in either direction

Size (Inches)	Dimensions In Millimeters (Inches)		Weight Per 100 kg (lb)	Catalog Number	
	A	B		Expansion Couplings	Bonding Jumper — 14"
1/2	50.8 (2.00)	158.8 (6.25)	77.1 (170.00)	XJ504	BJ45075
3/4	57.2 (2.25)	162.1 (6.38)	90.7 (200.00)	XJ754	BJ45075
1	66.8 (2.63)	168.4 (6.63)	127.0 (280.00)	XJ1004	BJ41012
1-1/4	79.5 (3.13)	168.4 (6.63)	158.8 (350.00)	XJ1254	BJ41012
1-1/2	88.9 (3.50)	168.4 (6.63)	226.8 (500.00)	XJ1504	BJ41520
2	101.6 (4.00)	181.1 (7.13)	317.5 (700.00)	XJ2004	BJ41520
2-1/2	114.3 (4.50)	190.5 (7.50)	362.9 (800.00)	XJ2504	BJ42530
3	136.7 (5.38)	206.5 (8.13)	499.0 (1100.00)	XJ3004	BJ42530
3-1/2	152.4 (6.00)	215.9 (8.50)	657.7 (1450.00)	XJ3504	BJ43540
4	168.4 (6.63)	219.2 (8.63)	839.1 (1850.00)	XJ4004	BJ43540
5	203.2 (8.00)	241.3 (9.50)	1020.6 (2250.00)	XJ5004	BJ45060

XJ Expansion Couplings — 8" Movement - 4" in either direction

Size (Inches)	Dimensions In Millimeters (Inches)		Weight Per 100 kg (lb)	Catalog Number	
	A	B		Expansion Couplings	Bonding Jumper — 24"
1/2	50.8 (2.00)	260.4 (10.25)	122.5 (270.00)	XJ508	BJ85075
3/4	57.2 (2.25)	263.7 (10.38)	145.1 (320.00)	XJ758	BJ85075
1	66.8 (2.63)	270.0 (10.63)	199.6 (440.00)	XJ1008	BJ81012
1-1/4	79.5 (3.13)	270.0 (10.63)	235.9 (520.00)	XJ1258	BJ81012
1-1/2	88.9 (3.50)	270.0 (10.63)	326.6 (720.00)	XJ1508	BJ81520
2	101.6 (4.00)	282.7 (11.13)	467.2 (1030.00)	XJ2008	BJ81520
2-1/2	114.3 (4.50)	292.1 (11.50)	530.7 (1170.00)	XJ2508	BJ82530
3	136.7 (5.38)	308.1 (12.13)	703.1 (1550.00)	XJ3008	BJ82530
3-1/2	152.4 (6.00)	317.5 (12.50)	884.5 (1950.00)	XJ3508	BJ83540
4	168.4 (6.63)	320.8 (12.63)	1088.6 (2400.00)	XJ4008	BJ83540
5	203.2 (8.00)	342.9 (13.50)	1496.9 (3300.00)	XJ5008	BJ85060
6	241.3 (9.50)	390.7 (15.38)	2562.8 (5650.00)	XJ6008	BJ85060