**Key Features:**

- Low Loss
- High Stability
- RoHS Compliant

Applications

- High Voltage Multipliers
- High Voltage Noise filters
- High Voltage Power Supplies
- RF Coupling
- RF Bypass



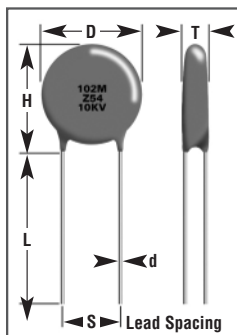
Part Number	Capacitance Value	Dielectric Material	Rated Voltage	Dielectric Withstand Voltage	Capacitor Dimensions				
	pF				V	Dia mm	Height mm	Thickness mm	Lead Spacing mm
NY2 Series - Y5P Dielectric						Radial Lead Style¹			
NY2Y5P101M3KV	100	Y5P	3000	4500	7.5	10.0	4.0	7.5	0.6
NY2Y5P221M3KV	220	Y5P	3000	4500	7.0	8.0	4.0	7.5	0.6
NY2Y5P331M3KV	330	Y5P	3000	4500	7.0	9.0	4.0	7.5	0.6
NY2Y5P471M3KV	470	Y5P	3000	4500	8.0	9.0	4.0	7.5	0.6
NY2Y5P561M3KV	560	Y5P	3000	4500	8.0	9.0	4.0	7.5	0.6
NY2Y5P102M3KV	1000	Y5P	3000	4500	9.0	11.0	4.0	7.5	0.6
NY2Y5P152M3KV	1500	Y5P	3000	4500	11.0	12.0	4.0	7.5	0.6
NY2Y5P242M3KV	2400	Y5P	3000	4500	16.0	19.0	4.0	7.5	0.7
NY2Y5P101M6KV	100	Y5P	6000	9000	8.0	11.0	7.0	7.5	0.6
NY2Y5P221M6KV	220	Y5P	6000	9000	8.0	11.0	7.0	10.0	0.6
NY2Y5P331M6KV	330	Y5P	6000	9000	9.0	10.0	7.0	10.0	0.6
NY2Y5P471M6KV	470	Y5P	6000	9000	10.0	11.0	7.0	10.0	0.6
NY2Y5P561M6KV	560	Y5P	6000	9000	9.0	11.0	7.0	10.0	0.6
NY2Y5P102M6KV	1000	Y5P	6000	9000	12.0	14.0	7.0	10.0	0.7
NY2Y5P152M6KV	1500	Y5P	6000	9000	14.0	16.0	7.0	10.0	0.7
NY2Y5P242M6KV	2400	Y5P	6000	9000	18.0	19.0	7.0	10.0	0.7
NY2Y5P101M10KV	100	Y5P	10000	15000	8.0	10.0	8.0	10.0	0.7
NY2Y5P221M10KV	220	Y5P	10000	15000	10.0	11.0	8.0	10.0	0.7
NY2Y5P331M10KV	330	Y5P	10000	15000	11.0	13.0	8.0	10.0	0.7
NY2Y5P471M10KV	470	Y5P	10000	15000	12.0	14.0	8.0	10.0	0.7
NY2Y5P561M10KV	560	Y5P	10000	15000	12.5	15.0	8.0	10.0	0.7
NY2Y5P102M10KV	1000	Y5P	10000	15000	17.0	20.0	8.0	10.0	0.7
NY2Y5P152M10KV	1500	Y5P	10000	15000	18.0	21.0	8.0	10.0	0.7
NY2Y5P101M15KV	100	Y5P	15000	22500	9.0	12.0	9.0	10.0	0.7
NY2Y5P221M15KV	220	Y5P	15000	22500	10.0	13.0	9.0	10.0	0.7
NY2Y5P331M15KV	330	Y5P	15000	22500	13.0	15.0	9.0	12.5	0.7
NY2Y5P561M15KV	560	Y5P	15000	22500	15.0	17.0	9.0	12.5	0.7
NY2Y5P102M15KV	1000	Y5P	15000	22500	18.5	21.5	9.0	12.5	0.7
NY2Y5P152M15KV	1500	Y5P	15000	22500	22.0	25.0	9.0	12.5	0.7
NY2Y5P242M15KV	2400	Y5P	15000	22500	24.0	26.0	9.0	12.5	0.7
NY2 Series - Y5T Dielectric						Radial Lead Style¹			
NY2Y5T102M3KV	1000	Y5T	3000	4500	7.0	8.0	4.0	7.5	0.6
NY2Y5T152M3KV	1500	Y5T	3000	4500	8.0	10.0	4.0	7.5	0.6
NY2Y5T222M3KV	2200	Y5T	3000	4500	11.0	13.0	4.0	7.5	0.6
NY2Y5T332M3KV	3300	Y5T	3000	4500	14.0	16.0	4.0	7.5	0.6
NY2Y5T472M3KV	4700	Y5T	3000	4500	14.5	16.0	4.0	7.5	0.6
NY2Y5T561M6KV	560	Y5T	6000	9000	9.0	11.0	5.0	10.0	0.6
NY2Y5T102M6KV	1000	Y5T	6000	9000	10.0	12.0	5.0	10.0	0.6
NY2Y5T152M6KV	1500	Y5T	6000	9000	13.0	14.0	5.0	10.0	0.7
NY2Y5T222M6KV	2200	Y5T	6000	9000	13.0	16.0	5.0	10.0	0.7
NY2Y5T561M10KV	560	Y5T	10000	15000	10.5	13.0	8.0	10.0	0.7
NY2Y5T102M10KV	1000	Y5T	10000	15000	14.0	16.0	8.0	10.0	0.7
NY2Y5T331M15KV	330	Y5T	15000	22500	10.0	12.0	9.0	12.5	0.7
NY2Y5T471M15KV	470	Y5T	15000	22500	11.0	13.0	9.0	12.5	0.7
NY2Y5T561M15KV	560	Y5T	15000	22500	11.0	14.0	9.0	12.5	0.7

Notes:

Standard lead length – 25mm typical

See page 23 for notes regarding package applicability at specified voltage rating.

All devices listed are RoHS compliant. Performance curves for products listed here can be found on page 29.

**Key Features:**

- Low Loss
- High Stability
- RoHS Compliant

Applications

- High Voltage Multipliers
- High Voltage Noise filters
- High Voltage Power Supplies
- RF Coupling
- RF Bypass



Part Number	Capacitance Value	Dielectric Material	Rated Voltage	Dielectric Withstand Voltage	Capacitor Dimensions				
	pF				V	V	Dia mm	Height mm	Thickness mm
NY2 Series - BxN Dielectric					Radial Lead Style¹				
NY2BxN331M3KV	330	BxN	3000	4500	7.0	9.0	4.0	7.5	0.6
NY2BxN471M3KV	470	BxN	3000	4500	8.0	9.0	4.0	7.5	0.6
NY2BxN561M3KV	560	BxN	3000	4500	8.0	9.0	4.0	7.5	0.6
NY2BxN102M3KV	1000	BxN	3000	4500	9.0	11.0	4.0	7.5	0.6
NY2BxN152M3KV	1500	BxN	3000	4500	11.0	12.0	4.0	7.5	0.6
NY2BxN242M3KV	2400	BxN	3000	4500	16.0	19.0	4.0	7.5	0.7
NY2BxN331M6KV	330	BxN	6000	9000	9.0	10.0	7.0	10.0	0.6
NY2BxN471M6KV	470	BxN	6000	9000	10.0	11.0	7.0	10.0	0.6
NY2BxN561M6KV	560	BxN	6000	9000	9.0	11.0	7.0	10.0	0.6
NY2BxN102M6KV	1000	BxN	6000	9000	12.0	14.0	7.0	10.0	0.7
NY2BxN152M6KV	1500	BxN	6000	9000	14.0	16.0	7.0	10.0	0.7
NY2BxN242M6KV	2400	BxN	6000	9000	18.0	19.0	7.0	10.0	0.7
NY2BxN331M10KV	330	BxN	10000	15000	11.0	13.0	8.0	10.0	0.7
NY2BxN471M10KV	470	BxN	10000	15000	12.0	14.0	8.0	10.0	0.7
NY2BxN561M10KV	560	BxN	10000	15000	12.5	15.0	8.0	10.0	0.7
NY2BxN102M10KV	1000	BxN	10000	15000	17.0	20.0	8.0	10.0	0.7
NY2BxN152M10KV	1500	BxN	10000	15000	18.0	21.0	8.0	10.0	0.7
NY2BxN221M15KV	220	BxN	15000	22500	10.0	13.0	9.0	10.0	0.7
NY2BxN331M15KV	330	BxN	15000	22500	13.0	15.0	9.0	10.0	0.7
NY2BxN561M15KV	560	BxN	15000	22500	15.0	17.0	9.0	12.5	0.7
NY2BxN102M15KV	1000	BxN	15000	22500	18.5	21.5	9.0	12.5	0.7
NY2BxN152M15KV	1500	BxN	15000	22500	22.0	25.0	9.0	12.5	0.7
NY2 Series - Z5U Dielectric					Radial Lead Style¹				
NY2Z5U102M3KV	1000	Z5U	3000	4500	6.0	9.0	4.0	5.0	0.6
NY2Z5U152M3KV	1500	Z5U	3000	4500	8.0	10.0	4.0	7.5	0.6
NY2Z5U222M3KV	2200	Z5U	3000	4500	10.0	11.0	4.0	7.5	0.6
NY2Z5U332M3KV	3300	Z5U	3000	4500	10.0	11.0	4.0	7.5	0.6
NY2Z5U472M3KV	4700	Z5U	3000	4500	12.0	13.0	4.0	7.5	0.7
NY2Z5U562M3KV	5600	Z5U	3000	4500	14.0	15.0	4.0	7.5	0.7
NY2Z5U471M6KV	470	Z5U	6000	9000	8.0	10.0	6.0	7.5	0.6
NY2Z5U561M6KV	560	Z5U	6000	9000	8.0	10.0	6.0	7.5	0.6
NY2Z5U102M6KV	1000	Z5U	6000	9000	9.0	11.0	6.0	10.0	0.6
NY2Z5U152M6KV	1500	Z5U	6000	9000	10.0	12.0	6.0	10.0	0.6
NY2Z5U222M6KV	2200	Z5U	6000	9000	11.5	13.0	6.0	10.0	0.7
NY2Z5U332M6KV	3300	Z5U	6000	9000	14.0	16.0	6.0	10.0	0.7
NY2Z5U471M10KV	470	Z5U	10000	15000	9.5	12.0	7.0	10.0	0.7
NY2Z5U561M10KV	560	Z5U	10000	15000	9.0	12.0	7.0	10.0	0.7
NY2Z5U102M10KV	1000	Z5U	10000	15000	11.0	13.0	8.0	10.0	0.7
NY2Z5U152M10KV	1500	Z5U	10000	15000	13.0	16.0	8.0	10.0	0.7
NY2Z5U222M10KV	2200	Z5U	10000	15000	16.0	18.0	8.0	10.0	0.7
NY2Z5U332M10KV	3300	Z5U	10000	15000	17.5	20.0	8.0	10.0	0.7
NY2Z5U471M15KV	470	Z5U	15000	22500	11.0	12.0	10.0	12.5	0.7
NY2Z5U561M15KV	560	Z5U	15000	22500	12.0	14.0	10.0	12.5	0.7
NY2Z5U102M15KV	1000	Z5U	15000	22500	12.0	15.0	10.0	12.5	0.7
NY2Z5U152M15KV	1500	Z5U	15000	22500	15.0	17.0	10.0	12.5	0.7
NY2Z5U202M15KV	2000	Z5U	15000	22500	17.0	20.5	10.0	12.5	0.7

Notes:

Standard lead length – 25mm typical. See page 23 for notes regarding package applicability at specified voltage rating.

All devices listed are RoHS compliant. BxN is a dielectric material proprietary to DTI. This material is similar to Y5P but has a better temperature range which makes it an ideal replacement for X5R and X7R materials in many applications. Capacitor datasheets available upon request.