

nVent ERICO Ericore Terminated Conductor



FEATURES

Low-inductance, low-impedance cable designed to minimize voltage build-up due to lightning impulses

Multiple insulated layers of conductor reduce the potential of side flashing

Upper termination provides an insulated connection from terminal to nVent ERICO Ericore to properly transition the lightning strike

Requires lower termination kit

SPECIFICATIONS

Table 1/6

Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE054T	54m	54m	0.75 nF			36 mm
ERICORE049T	49m	49m	0.75 nF			36 mm
ERICORE097T	97m	97m	0.75 nF			36 mm
ERICORE050T	50m	50m	0.75 nF			36 mm
ERICORE010T	10m	10m	0.75 nF			36 mm
ERICORE107T	107m	107m	0.75 nF			36 mm
ERICORE033T	33m	33m	0.75 nF			36 mm
ERICORE051T	51m	51m	0.75 nF			36 mm
ERICORE095T	95m	95m	0.75 nF			36 mm
ERICORE052T	52m	52m	0.75 nF			36 mm
ERICORE032T	32m	32m	0.75 nF			36 mm
ERICORE155T	155m	155m	0.75 nF			36 mm
ERICORE053T	53m	53m	0.75 nF			36 mm
ERICORE009T	9m	9m	0.75 nF			36 mm

Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE092T	92m	92m	0.75 nF			36 mm
ERICORE034T	34m	34m	0.75 nF			36 mm
ERICORE016T	16m	16m	0.75 nF			36 mm
ERICORE110T	110m	110m	0.75 nF			36 mm
ERICORE031T	31m	31m	0.75 nF			36 mm
ERICORE055T	55m	55m	0.75 nF			36 mm

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Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE091T	91m	91m	0.75 nF			36 mm
ERICORE030T	30m	30m	0.75 nF			36 mm
ERICORE008T	8m	8m	0.75 nF			36 mm
ERICORE056T	56m	56m	0.75 nF			36 mm
ERICORE090T	90m	90m	0.75 nF			36 mm
ERICORE112T	112m	112m	0.75 nF			36 mm
ERICORE057T	57m	57m	0.75 nF			36 mm
ERICORE029T	29m	29m	0.75 nF			36 mm
ERICORE058T	58m	58m	0.75 nF			36 mm
ERICORE088T	88m	88m	0.75 nF			36 mm
ERICORE012T	12m	12m	0.75 nF			36 mm
ERICORE039T	39m	39m	0.75 nF			36 mm
ERICORE104T	104m	104m	0.75 nF			36 mm
ERICORE040T	40m	40m	0.75 nF			36 mm
ERICORE038T	38m	38m	0.75 nF			36 mm
ERICORE013T	13m	13m	0.75 nF			36 mm
ERICORE041T	41m	41m	0.75 nF			36 mm
ERICORE102T	102m	102m	0.75 nF			36 mm
ERICORE014T	14m	14m	0.75 nF			36 mm
ERICORE042T	42m	42m	0.75 nF			36 mm

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Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE105T	105m	105m	0.75 nF			36 mm
ERICORE037T	37m	37m	0.75 nF			36 mm
ERICORE043T	43m	43m	0.75 nF			36 mm

Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE101T	101m	101m	0.75 nF			36 mm
ERICORE150T	150m	150m	0.75 nF			36 mm
ERICORE020T	20m	20m	0.75 nF			36 mm
ERICORE044T	44m	44m	0.75 nF			36 mm
ERICORE036T	36m	36m	0.75 nF			36 mm
ERICORE045T	45m	45m	0.75 nF			36 mm
ERICORE100T	100m	100m	0.75 nF			36 mm
ERICORE046T	46m	46m	0.75 nF			36 mm
ERICORE106T	106m	106m	0.75 nF			36 mm
ERICORE035T	35m	35m	0.75 nF			36 mm
ERICORE011T	11m	11m	0.75 nF			36 mm
ERICORE047T	47m	47m	0.75 nF			36 mm
ERICORE098T	98m	98m	0.75 nF			36 mm
ERICORE015T	15m	15m	0.75 nF			36 mm
ERICORE048T	48m	48m	0.75 nF			36 mm
ERICORE136T	136m	136m	0.75 nF			36 mm
ERICORE003T	3m	3m	0.75 nF			36 mm

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Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE025T	25m	25m	0.75 nF			36 mm
ERICORE083T	83m	83m	0.75 nF			36 mm
ERICORE067T	67m	67m	0.75 nF			36 mm
ERICORE120T	120m	120m	0.75 nF			36 mm
ERICORE018T	18m	18m	0.75 nF			36 mm
ERICORE005T	5m	5m	0.75 nF			36 mm
ERICORE082T	82m	82m	0.75 nF			36 mm
ERICORE024T	24m	24m	0.75 nF			36 mm
ERICORE068T	68m	68m	0.75 nF			36 mm
ERICORE125T	125m	125m	0.75 nF			36 mm
ERICORE081T	81m	81m	0.75 nF			36 mm
ERICORE069T	69m	69m	0.75 nF			36 mm
ERICORE023T	23m	23m	0.75 nF			36 mm
ERICORE080T	80m	80m	0.75 nF			36 mm
ERICORE007T	7m	7m	0.75 nF	50mm ²	50mm ²	36 mm

Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE070T	70m	70m	0.75 nF			36 mm
ERICORE078T	78m	78m	0.75 nF			36 mm
ERICORE022T	22m	22m	0.75 nF			36 mm
ERICORE071T	71m	71m	0.75 nF			36 mm
ERICORE122T	122m	122m	0.75 nF			36 mm

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Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE077T	77m	77m	0.75 nF			36 mm
ERICORE021T	21m	21m	0.75 nF			36 mm
ERICORE200T	200m	200m	0.75 nF			36 mm
ERICORE072T	72m	72m	0.75 nF			36 mm
ERICORE001T	1m	1m	0.75 nF			36 mm
ERICORE019T	19m	19m	0.75 nF			36 mm
ERICORE076T	76m	76m	0.75 nF			36 mm
ERICORE075T	75m	75m	0.75 nF			36 mm
ERICORE006T	6m	6m	0.75 nF			36 mm
ERICORE086T	86m	86m	0.75 nF			36 mm
ERICORE028T	28m	28m	0.75 nF			36 mm
ERICORE026T	26m	26m	0.75 nF			36 mm
ERICORE087T	87m	87m	0.75 nF			36 mm
ERICORE168T	168m	168m	0.75 nF			36 mm
ERICORE017T	17m	17m	0.75 nF			36 mm
ERICORE065T	65m	65m	0.75 nF			36 mm
ERICORE060T	60m	60m	0.75 nF			36 mm
ERICORE085T	85m	85m	0.75 nF			36 mm
ERICORE064T	64m	64m	0.75 nF			36 mm
ERICORE061T	61m	61m	0.75 nF			36 mm

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Catalog Number	Length (L)	Length (L)	Capacitance	Cross Section	Cross Section	Diameter (Ø)
ERICORE066T	66m	66m	0.75 nF			36 mm
ERICORE115T	115m	115m	0.75 nF			36 mm

Table 1/6

Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE054T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	65.46 kg
ERICORE049T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	59.56 kg
ERICORE097T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	116.2 kg
ERICORE050T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	60.74 kg
ERICORE010T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	13.54 kg
ERICORE107T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	128 kg
ERICORE033T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	40.68 kg
ERICORE051T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	61.92 kg
ERICORE095T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	113.84 kg
ERICORE052T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	63.1 kg
ERICORE032T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	39.5 kg
ERICORE155T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	184.64 kg
ERICORE053T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	64.28 kg
ERICORE009T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	12.36 kg
ERICORE092T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	110.3 kg
ERICORE034T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	41.86 kg
ERICORE016T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	20.62 kg
ERICORE110T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	131.54 kg
ERICORE031T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	38.32 kg
ERICORE055T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	66.64 kg

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Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE091T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	109.12 kg
ERICORE030T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	37.14 kg
ERICORE008T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	11.18 kg
ERICORE056T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	67.82 kg
ERICORE090T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	107.94 kg
ERICORE112T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	133.9 kg
ERICORE057T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	69 kg
ERICORE029T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	35.96 kg
ERICORE058T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	70.18 kg
ERICORE088T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	105.58 kg

Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE012T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	15.9 kg
ERICORE039T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	47.76 kg
ERICORE104T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	124.46 kg
ERICORE040T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	48.94 kg
ERICORE038T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	46.58 kg
ERICORE013T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	17.08 kg
ERICORE041T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	50.12 kg
ERICORE102T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	122.1 kg
ERICORE014T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	18.26 kg
ERICORE042T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	51.3 kg

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Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE105T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	125.64 kg
ERICORE037T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	45.4 kg
ERICORE043T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	52.48 kg
ERICORE101T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	120.92 kg
ERICORE150T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	178.74 kg
ERICORE020T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	25.34 kg
ERICORE044T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	53.66 kg
ERICORE036T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	44.22 kg
ERICORE045T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	54.84 kg
ERICORE100T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	119.74 kg
ERICORE046T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	56.02 kg
ERICORE106T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	126.82 kg
ERICORE035T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	43.04 kg
ERICORE011T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	14.72 kg
ERICORE047T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	57.2 kg
ERICORE098T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	117.38 kg
ERICORE015T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	19.44 kg
ERICORE048T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	58.38 kg
ERICORE136T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	162.22 kg
ERICORE003T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	5.28 kg

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Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE025T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	31.24 kg
ERICORE083T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	99.68 kg
ERICORE067T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	80.8 kg
ERICORE120T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	143.34 kg
ERICORE018T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	22.98 kg
ERICORE005T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	7.64 kg
ERICORE082T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	98.5 kg
ERICORE024T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	30.06 kg
ERICORE068T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	81.98 kg
ERICORE125T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	149.24 kg
ERICORE081T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	97.32 kg
ERICORE069T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	83.16 kg
ERICORE023T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	28.88 kg
ERICORE080T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	96.14 kg
ERICORE007T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	10 kg
ERICORE070T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	84.34 kg
ERICORE078T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	93.78 kg
ERICORE022T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	27.7 kg
ERICORE071T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	85.52 kg
ERICORE122T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	145.7 kg

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Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE077T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	92.6 kg
ERICORE021T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	26.52 kg
ERICORE200T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	237.74 kg
ERICORE072T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	86.7 kg
ERICORE001T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	2.92 kg
ERICORE019T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	24.16 kg
ERICORE076T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	91.42 kg
ERICORE075T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	90.24 kg
ERICORE006T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	8.82 kg
ERICORE086T	12 Ω Max	37nH	0.5m Ω ·m	6m Ω ·m	250kV	103.22 kg

Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE028T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	34.78 kg
ERICORE026T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	32.42 kg
ERICORE087T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	104.4 kg
ERICORE168T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	199.98 kg
ERICORE017T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	21.8 kg
ERICORE065T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	78.44 kg
ERICORE060T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	72.54 kg
ERICORE085T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	102.04 kg
ERICORE064T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	77.26 kg
ERICORE061T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	73.72 kg

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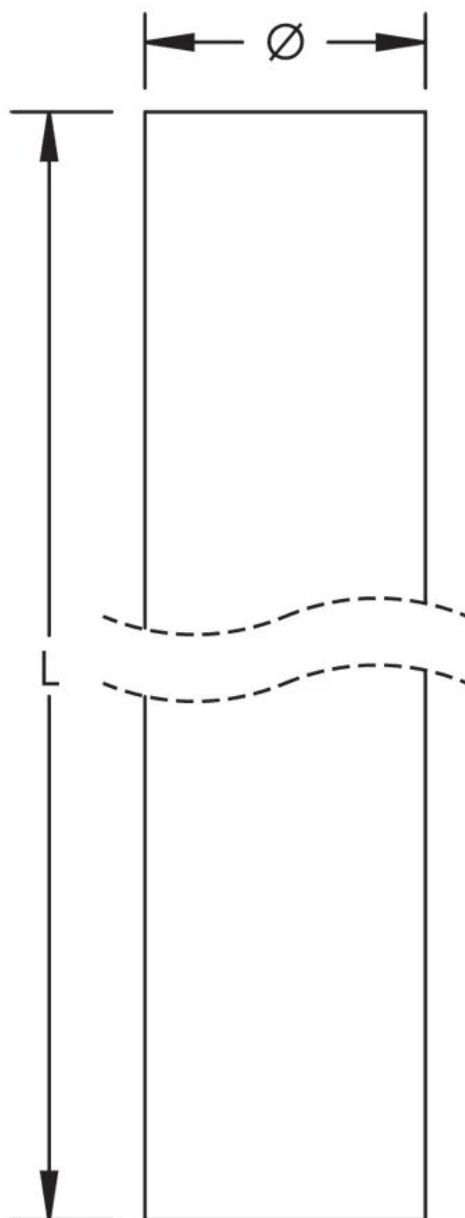
Catalog Number	Impedance	Inductance	Resistance (Rdc)	Resistance (Rimp)	Upper Termination Voltage Withstand	Unit Weight
ERICORE066T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	79.62 kg
ERICORE115T	12 Ω Max	37nH	0.5mΩ·m	6mΩ·m	250kV	137.44 kg

ADDITIONAL PRODUCT DETAILS

Additional lengths available in 1 m (3.28') increments.

Consult nVent ERICO technical support or the installation manual for guidance on maximum allowable lengths.

Inductance and Capacitance are per meter.



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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Option 1 – Customer Care

Option 2 – Technical

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