# La legrand<sup>®</sup>

### WIREMOLD® Steel Raceway

## Large Capacity, Two-Piece Steel Surface Raceway

6000<sup>®</sup> Series Raceway can be used divided for separate wiring circuits or multi-service applications. For large cabling installations, 6000 can be used undivided as headers and feeders or to bring wiring to a specified location. 6000 Series Raceway is ideal for all applications requiring a high cable capacity, dual service steel raceway. Commercial, institutional, and industrial applications all benefit from the 6000 Series rigid steel construction and durable lvory ScuffCoat<sup>™</sup> finish. 6000 Series Raceway is also ideal for municipalities that require either all steel construction or prohibit nonmetallic cable management systems.



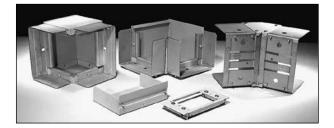
6000° Series Raceway shown as a divided system with Activate inserts and power device with a 4050 device bracket.

#### FEATURES & BENEFITS

- Steel raceway. Provides superior strength for any dry interior location installation.
- Extra large cross sectional area. Provides space for large wiring requirements or installations that use large diameter cable for power and/or data/communications.
- Dividable raceway base. Snap-in divider creates twocompartment raceway. For bringing large amounts of power and data/communications cable to one location.
- Complete line of fittings. Provides complete wiring solution and allows for interconnection between raceway systems.
- Gray baked enamel and Ivory ScuffCoat finish. Enamel finish assures durability; can be easily overpainted. Durable Ivory Scuffcoat finish makes a scratch resistant surface.
- Installs as a feeder or header raceway. Ideal for overhead, open spaces and underfloor applications.
- Accommodates large size devices. Large size raceway accepts single- and dual-gang devices up to 100 amps and circuit breakers up to three pole.
- Pre-cut covers for standard outlet center locations. For mounting devices on various centers without cutting the

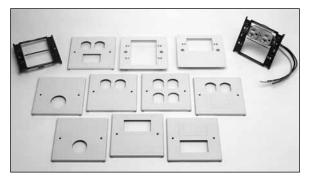


Download this product's PEP ecopasport® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

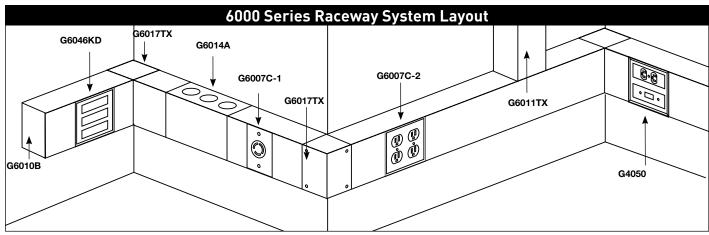


covers which reduces number of field cuts for labor savings.

- Base and cover cutters. Manually operated cutters are lightweight and portable. Cutters offer labor savings for any size job and maintain a factory clean and square cut.
- Communication connectivity options. Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point of use.
- ADA compliant. Raceway and fittings can be installed in conformance with ADA requirements.
- UL Listed and CSA Certified. Raceway UL file E4376 Guide RJBT, CSA file LR350. Fittings UL file 41751 Guide RJPR, CSA file 350 and 48952.



4047 Series Faceplates accommodate a wide range of power and communications applications.



NOTE: Illustration is for showing single service product application only.

6000 Raceway Wire Fill Capacity for Power										
	NUMBER OF CONDUCTORS (40% FILL)									
WIRE SIZE THHN/THWN	O.D. inches (mm)		WITHOUT DEVICES		WITH DUPLEX RECT. DEVICES 1.59 in. <sup>2</sup> (1025mm <sup>2</sup> )		WITH SURGE/ GFCI DEVICES 2.30 in. <sup>2</sup> (1485mm <sup>2</sup> )		LARGE SINGLE RECEPTACLES 3.00 in. <sup>2</sup> (1935mm <sup>2</sup> )	
			UNDIV.	DIVIDED	UNDIV.	DIVIDED	UNDIV.	DIVIDED	UNDIV.	DIVIDED
14 AWG	0.111	(2.8)	659	296	528	231	470	202	412	173
12 AWG	0.130	(3.3)	481	216	385	168	342	147	300	126
10 AWG	0.164	(4.2)	303	136	243	106	216	92	189	79
8 AWG	0.216	(5.5)	174	78	140	61	124	53	109	45
6 AWG	0.254	(6.5)	126	56	101	44	89	38	78	33
4 AWG	0.324	(8.2)	77	34	0	0	0	0	0	0
3 AWG	0.352	(8.9)	65	29	0	0	0	0	0	0
2 AWG	0.384	(9.8)	55	24	0	0	0	0	0	0
1 AWG	0.446	(11.3)	40	18	0	0	0	0	0	0
1/0 AWG	0.486	(12.3)	34	15	0	0	0	0	0	0
2/0 AWG	0.532	(13.5)	28	12	0	0	0	0	0	0

NOTE: For additional information, refer to the Technical Section of ED1560 (Product Guide).

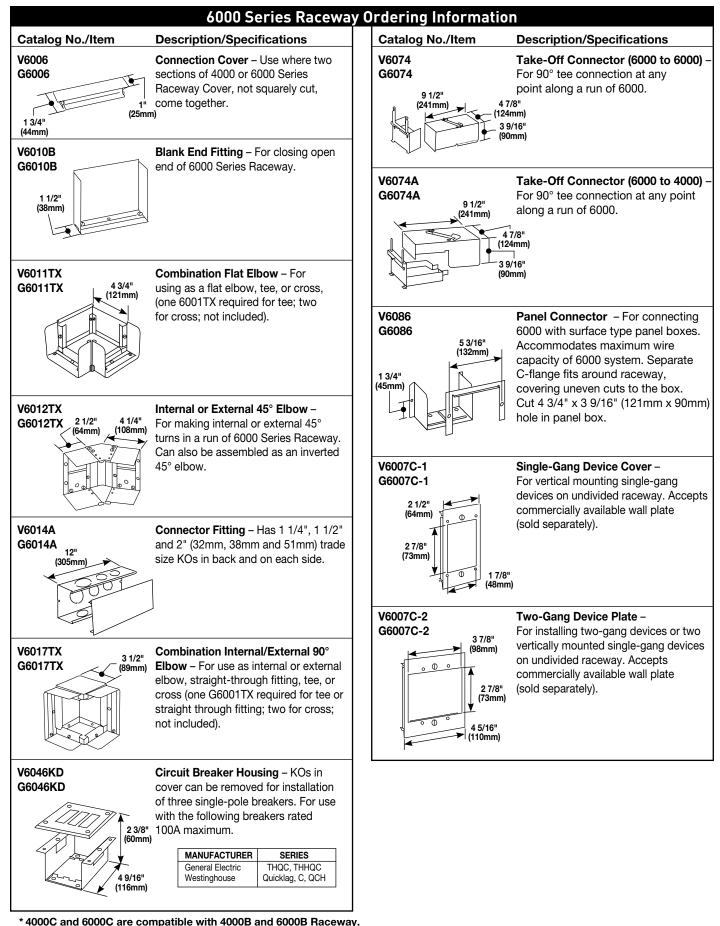
6000 Raceway Cable Fill Capacities for Data/Communications					
CABLE	CATEGORY / DESIGNATION	O.	D.	DIVIDED	UNDIVIDED
TYPE		Inches	(mm)	40% FILL	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG Cat 3 4-pair, 24 AWG Cat 5e 4-pair, 24 AWG Cat 6 4-pair, 24 AWG Cat 6a* 25-pair, 24 AWG Cat 6	0.190 0.210 0.250 0.354 0.410	(4.8) (5.3) (6.3) (9.0) (10.4)	101 83 58 29 21	225 184 130 65 48
TELEPHONE	2-pair, 24 AWG	0.140	(3.6)	187	415
	3-pair, 24 AWG	0.150	(3.8)	163	362
	4-pair, 24 AWG	0.190	(4.8)	101	225
	25-pair, 24 AWG	0.410	(10.4)	21	48
COAXIAL	RG58/U	0.195	(5.0)	96	214
	RG59/U	0.242	(6.1)	62	139
	RG62/U	0.242	(6.1)	62	139
	RG6/U	0.270	(6.9)	50	111
TWINAXIAL	100 Ohm	0.330	(8.4)	33	74
SHIELDED TWISTED PAIR	TYPE 1 TYPE 2 TYPE 3	0.390 0.465 0.245	(9.9) (11.8) (6.2)	24 16 61	53 37 135
FIBER	Mini ZipCord	0.079 x 0.157	(2 x 4)	232	516
	ZipCord	0.118 x 0.236	(3 x 6)	103	230
	Round 4 Strand Fiber	0.187	(4.8)	104	233
	Round 6 Strand Fiber	0.256	(6.5)	55	124

NOTE: Capacity range is calculated at 20% to 40% of raceway area as stated in a proposed revision to the Commercial Building Standard for Telecommunication Pathways & Spaces, TIA/EIA-569. Actual wire fill capacity may vary based on applications, cable types, and number, as well as type of fittings. (Fitting may cause additional variances to the fill capacity.)

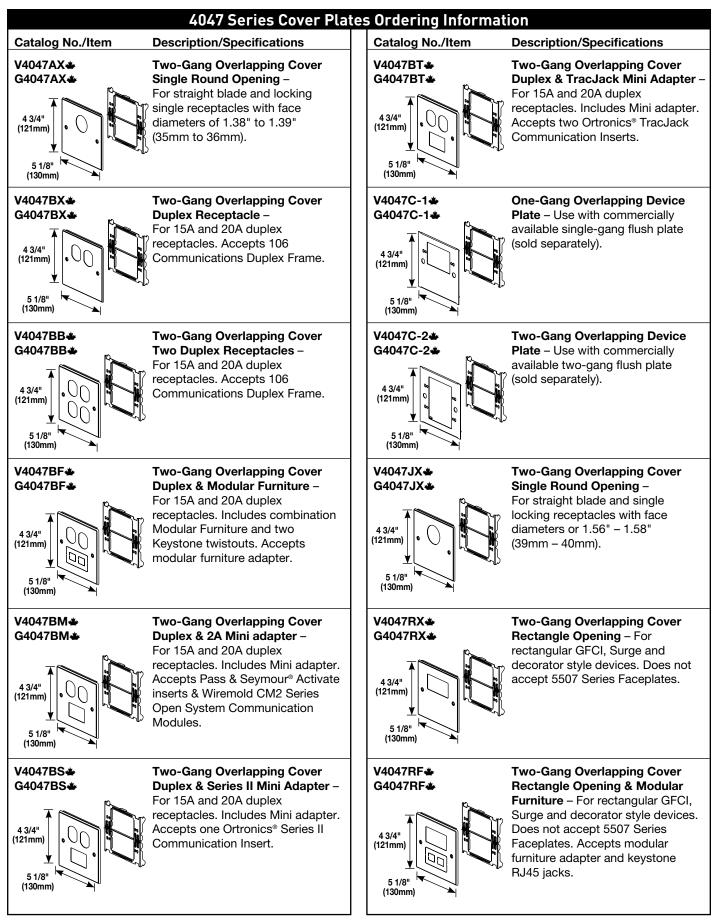
\* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

	6000 Series Raceway	Ordering Informatio	n
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
V6000B-10 G6000B010 3 9/16" (90mm)	<b>Base –</b> .060" (1.5mm) galvanized steel. Packed two 10' (3m) lengths per carton. Base has two 9/32" diameter trade size KOs 1 1/4" (32mm) from each end and on centers of approximately 18" (457mm) throughout.	6001A 3 5/16"A (84mm) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<b>Coupling</b> – For joining lengths of 6000B.
4 3/4" (121mm) V6000C* G6000C*	<b>Cover</b> – 040" (1.0mm) galvanized steel. Packed four 5' (1.5m)	G6000WC 1 1/2" (38mm)	<b>Wire Clip</b> – For holding conductors in place. Use only with undivided 6000 Series Raceway.
4 3/4" (121mm) G6000DA**	per carton. Divider – .040" (1.0mm)	G6001,DA <sup>†</sup> 23/8" (60mm) (76mm) 27/8" (73mm)	<b>Divider Clip</b> – For holding G6000DA Divider in place to divide raceway into 1/3, 1/2, or 2/3 compartments. 6000 Raceway divided into 1/3 compartments will not
3 1/4" (83mm)	galvanized steel. One side painted buff primer to provide identification of compartments. Packed four 5' (1.5m) lengths per carton.	G6001TX	accept devices. <b>Converter Coupling</b> – For converting 6011TX or 6017TX into a tee or cross. For tee, one required; for cross,
660B	<b>Base Cutter</b> – Portable base cutter. Steel constructed provides clean and easy square cuts. Manual operation required.	(76mm) G6008A 67/8" (175mm)	<b>C-Hanger</b> – For suspending 6000 or 4000 Raceway from structural ceiling.
	<b>Replacement Blade Kit</b> – Replacement blade and die set for 640B Cutter.	7 7/8" (200mm)	Designed for use with 3/8" (9.5mm) rod. Hangers should be installed no more than 4' (1.2m) apart along raceway run. Can be bolted back-to- back for dual runs of 4000, 6000, or to a G3008C for combined runs with 3000 Raceway.
640C	<b>Cover Cutter</b> – Portable cover cutter. Steel constructed provides clean and easy square cuts. Manual operation required.	V4000C075/ G4000C075*	<b>Pre-Cut Cover 7.5" (191mm) –</b> For mounting devices on 12" (305mm) centers with 4047 Series Cover Plates.
640CDK	Replacement Blade Kit – Replacement blade and die set for 640C Cutter.	V4000C135/	Pre-Cut Cover 13.5" (345mm) –
IWE-S GWE-S	<b>Spray Paint</b> – Used for touching up large areas. Contains 12 oz. of paint.	G4000C135	For mounting devices on 18" (457mm) centers with 4047 Series Cover Plates.
	NOTE: Can only be shipped via ground transportation.	V4000C195/ G4000C195	<b>Pre-Cut Cover 19.5" (495mm) –</b> For mounting devices on 24" (610mm) centers with 4047 Series Cover Plates.
IWE-P GWE-P	<b>Touch-Up Paint Pen</b> – Used for touching up small areas. Contains 0.3 oz. of paint.	V4000C315/ G4000C315	<b>Pre-Cut Cover 31.5" (800mm) –</b> For mounting devices on 36" (915mm) centers with 4047 Series Cover Plates.
	Containe die 02. of paint.	G4000C315	For mounting devices on 36" (915mm) centers with 4047 Series

\* 4000C and 6000C are compatible with 4000B and 6000B Raceway. \*\* G6001DA Divider Clips are required to hold divider in place.

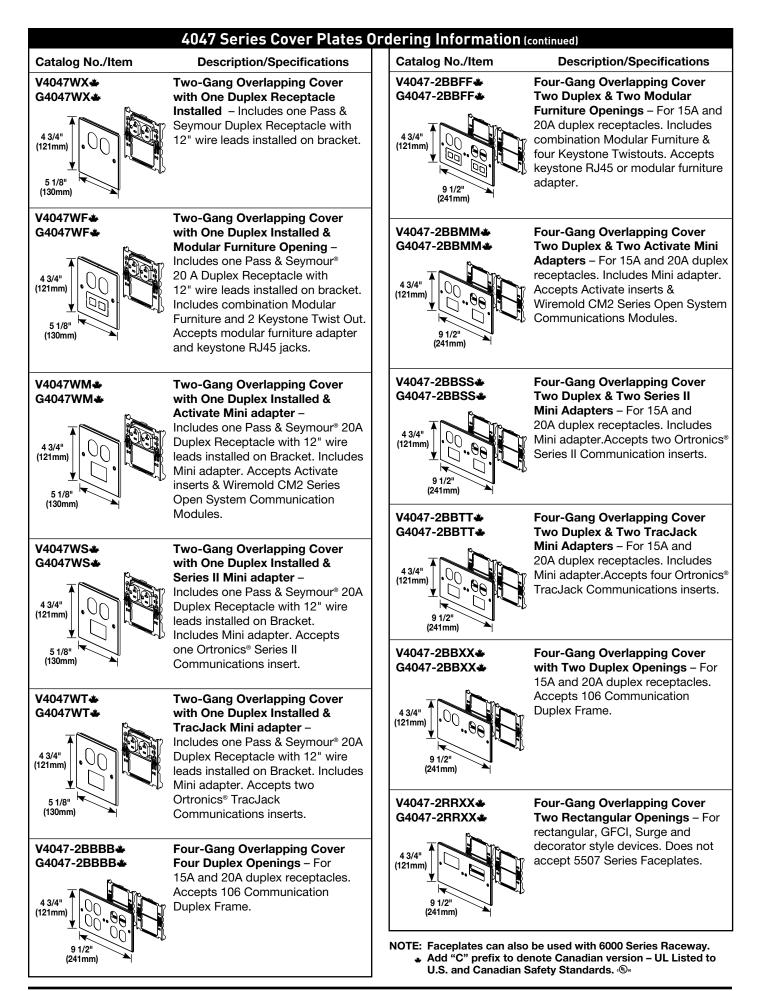


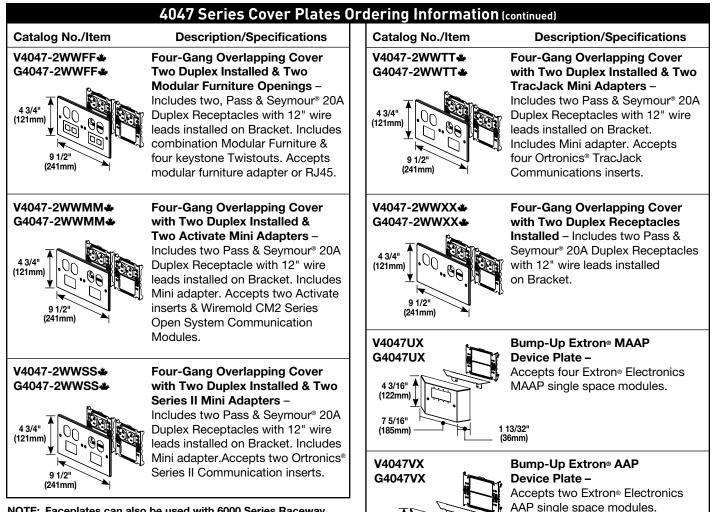
<sup>a</sup> 4000C and 6000C are compatible with 4000B and 6000B Racewa <sup>†</sup> G6001DA Divider Clips are required to hold divider in place.



NOTE: Faceplates can also be used with 6000 Series Raceway.

🜞 Add "C" prefix to denote Canadian version – UL Listed to U.S. and Canadian Safety Standards. 🐵





4 3/16" 🕈

7 5/16"

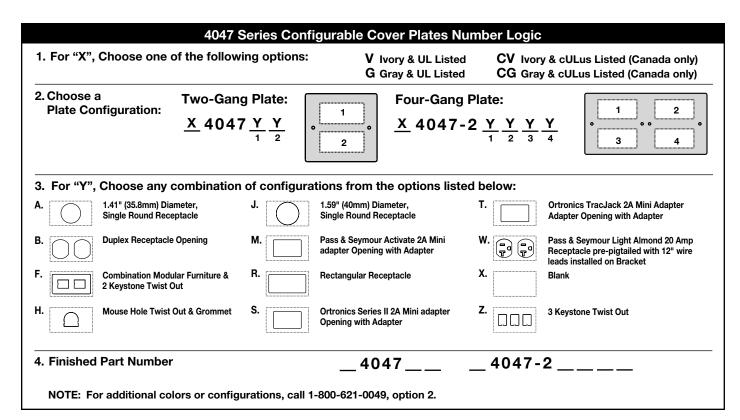
(185mm)

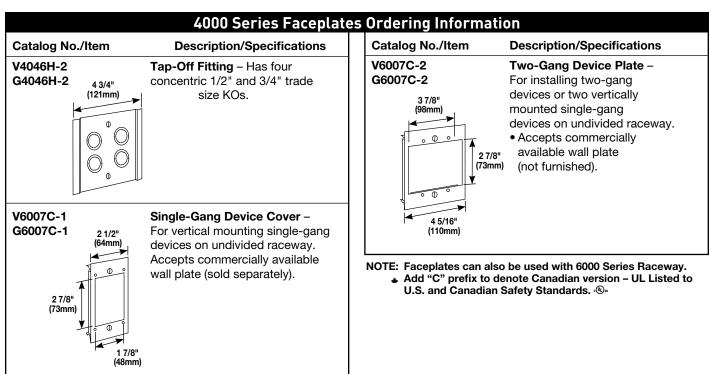
1 13/32"

(36mm)

(122mm)

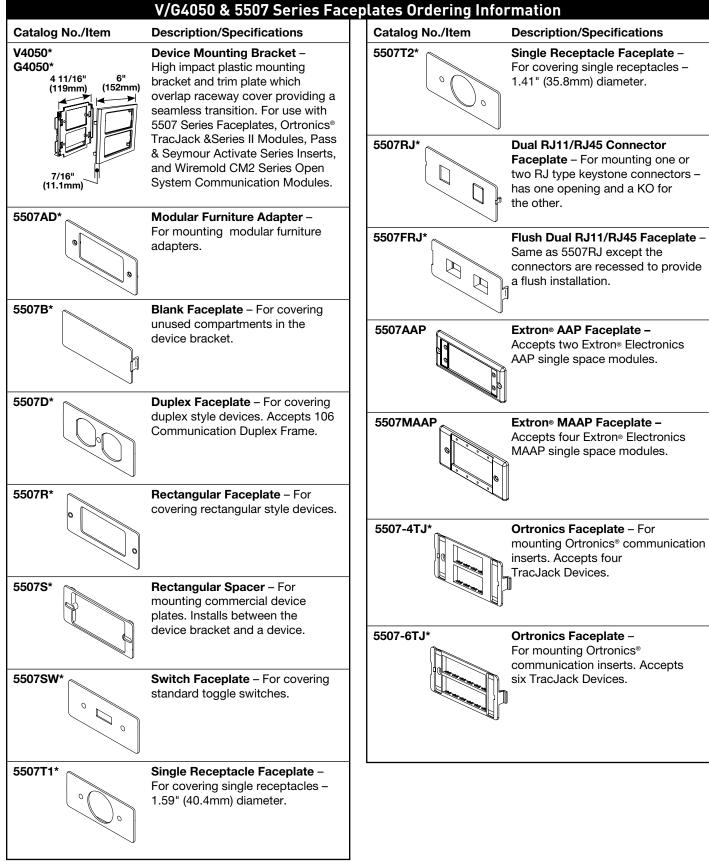
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Catalog No./Item	Description/Specifications	Catalog No./Item	<b>Description/Specifications</b>
RA-S2*	Angled Raceway Adapter – For use with 4050 device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for A/V connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Ortronics® Series II modules.Fits 5507 Series	CM-EPLA*	End Plates – Includes two outlet identification labels with clear covers and two matching screw covers. Required for mounting Pass & Seymour® Activate and Wiremold CM2 Series Open Syster communication modules into 4050 Series device brackets.
CM-ARA*	Faceplate opening. Angled Raceway Adapter – For use with 4050 device brackets and WallSource device mounting brackets. Angled exit provides additional mounting depth required for A/V connections as well as ensuring the required bend radius for UTP and fiber optic cabling. Holds two Wiremold CM2 Series Open System modules or two Pass & Seymour® 2A inserts. Fits 5507 Series Faceplate opening.	S2-EPL*	End Plates – Includes two outlet identification labels with clear cover and two matching screw covers. Required for mounting Ortronics Series II modules into 4050 Series device brackets.

\* Add "G" suffix to indicate gray finish.



NOTE: All faceplates are 4 1/4" long x 1 11/16" wide (108mm x 43mm). \* Add "G" suffix to indicate gray finish.

Not for use with 4047BF and 4047RF Device Covers.

### NOTES

#### NOTES

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#### Electrical Wiring Systems

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