

Thomas & Betts

***Make Economical, Field-Constructible,
UL Listed Multiple-Tap Electrical Connections!***

Color-Keyed®

KUBE™ Connectors
Multi-Tap



Color-Keyed®

KUBE™ Connectors Multi-Tap

Features and Benefits

Leave it to Color-Keyed® to bring you the most versatile, affordable solution for multiple-load installations from a single main conductor. The KUBE™ Multi-Tap system gangs multiple permanent, dependable compression taps mounted on a high-conductivity copper rod to achieve a space- and cost-efficient UL Listed multiple-tap connection you configure in the field. For even more flexibility, you can rotate connectors individually on the Multi-Tap rod to accommodate the bends and angles necessary to install equipment or complete circuitry — without the high cost of flexible-conductor cable.



Features:

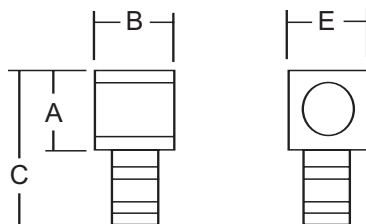
- Lowest installed cost for the application — eliminates the need for expensive flexible-conductor cable
- Individual connectors can be rotated 360° on rod for multi-directional connections
- Versatile, modular design supports a myriad of connection possibilities
- UL Listed and CSA Certified for field installation
- Compression connections maintain integrity even under vibration and high temperatures
- Supports wire sizes from #16 to 4/0 AWG
- Suitable for applications up to 600 volts (1000 volts in signs and fixtures)
- Rods constructed of high-conductivity copper with corrosion-resistant tin plating
- Connectors constructed of electro-tin-plated high-conductivity copper with louvered contact bands for reliable connections and color coding for easy selection of crimping die
- Two-piece, UL94-V0-rated, polycarbonate insulators rated 90° C snap onto connectors easily for fast, safe installation
- Individual connectors can be rotated 360° on rod for multi-directional connectors prior to energizing (connection not designed for movement while energized)

Typical Applications:

- Commercial construction
- Specialized installations for entertainment applications
- Gutter taps for all applications
- Any other application requiring the running of multiple loads from a main conductor

KUBE™ Multi-Tap Connectors

Cat. Number	Wire Size	Body Size	Color Code	Dimension		
				A	B	C
MD1614F-0	16-14 AWG	0	Blue	.25	.25	.63
MD1614F-1	16-14 AWG	1	Blue	.38	.38	.78
MD1210F-1	12-10 AWG	1	Yellow	.38	.38	.78
MD1210F-2	12-10 AWG	2	Yellow	.50	.50	.90
MD8F-1	8 AWG	1	Red	.38	.38	.82
MD8F-2	8 AWG	2	Red	.50	.50	.95
MD6F-1	6 AWG	1	Blue	.38	.38	.88
MD6F-2	6 AWG	2	Blue	.50	.50	1.02
MD4F-2	4 AWG	2	Gray	.50	.50	1.06
MD2F-2	2 AWG	2	Brown	.50	.50	1.09
MD2F-3	2 AWG	3	Brown	.88	.88	1.46
MD1F-2	1 AWG	2	Green	.50	.50	1.23
MD1F-3	1 AWG	3	Green	.88	.88	1.56
MD10F-3	1/0 AWG	3	Pink	.88	.88	1.56
MD20F-3	2/0 AWG	3	Black	.88	.88	1.59
MD30F-3	3/0 AWG	3	Orange	.88	.88	1.71
MD40F-3	4/0 AWG	3	Purple	.88	.88	1.81



Multi-Tap Connector

KUBE™ Multi-Tap makes field installation fast and easy.



Crimp Multi-Tap connectors onto cables.



Snap Multi-Tap insulators over connectors.



Remove one end nut and spacers from Multi-Tap rod.



Slide connector/insulator assemblies onto rod.



If any rod positions remain empty, slide on appropriate number of spacers to fill rod.



Reapply end nut and tighten.



Installing Tools													
Die Size (in.)			Strip Length (in.)	WT112M WT111M WT2000 ERG2002	TBM25S TBM20S	TBM6, TBM6S, TBM60RS		TBM5 TBM5S Die Set	TBM8 TBM8S Die Set	Hydraulic Tools & TBM50S Hand Tool		UPC Number	
D	E	F				Upper Die	Lower Die			Die Code	Color Code		
.52	.25	.125	3/8	X	—	—	—	—	—	—	—	786210-70312	
.75	.38	.250	3/8	X	—	—	—	—	—	—	—	786210-70314	
.75	.38	.250	3/8	X	—	—	—	—	—	—	—	786210-78679	
1.00	.50	.370	3/8	X	—	—	—	—	—	—	—	786210-78973	
.75	.38	.250	7/16	—	X	13475	13477	13454	13461	21	Red	786210-78681	
1.00	.50	.370	7/16	—	X	13475	13477	13454	13461	21	Red	786210-78685	
.75	.38	.250	1/2	—	X	13475	13477	13454	13461	24	Blue	786210-78683	
1.00	.50	.370	1/2	—	X	13475	13477	13454	13461	24	Blue	786210-78687	
1.00	.50	.370	1/2	—	X	13472	13476	13454	13461	29	Gray	786210-78689	
1.00	.50	.370	1 1/32	—	X	13474	13477	13454	13461	33	Brown	786210-78691	
1.75	.88	.500	1 1/32	—	X	13474	13477	13454	13461	33	Brown	786210-83861	
1.00	.50	.370	3/4	—	—	13474	13477	13455	13462	37	Green	786210-79646	
1.75	.88	.500	3/4	—	—	13474	13477	13455	13462	37	Green	786210-83956	
1.75	.88	.500	3/4	—	—	13475	13477	13455	13462	42	Pink	786210-84048	
1.75	.88	.500	3/4	—	—	13474	13477	13455	13462	45	Black	786210-84053	
1.75	.88	.500	1 1/4	—	—	13474	13477	13455	13462	50	Orange	786210-84054	
1.75	.88	.500	3/4	—	—	13475	13477	13456	13463	54	Purple	786210-84055	

How to Order KUBE™ Multi-Tap

- Choose your connectors. Note that connectors to be mounted on a single Multi-Tap rod can be for different wire sizes but must be of the same body size.
- Choose insulators of the appropriate body size for the connectors. (One insulator required for each connector.)
- Choose a Multi-Tap rod that matches the body size of your connectors and that has enough positions for the number of connections you need.



KUBE™ Multi-Tap Rods

Includes rod with spacers and end nuts. Rod positions indicate the maximum number of connectors the rod can hold. Spacers are provided to fill any unused positions left open for future connections. Body size of connectors, insulators and rod must match.

KUBE™ Multi-Tap Rods

Cat. Number	Length	For Connector Body Size	No. of Rod Positions	UPC Number
R0-2	1.34	0	2	786209-88666
R0-4	2.15	0	4	786209-87503
R0-6	2.96	0	6	786209-87506
R0-8	3.38	0	8	786209-87508
R0-10	4.59	0	10	786209-87510
R0-12	5.50	0	12	786209-87512
R1-2	1.92	1	2	786209-88668
R1-4	3.00	1	4	786209-87514
R1-6	4.08	1	6	786209-87516
R1-8	5.13	1	8	786209-87518
R1-10	6.20	1	10	786209-87532
R1-12	7.25	1	12	786209-87535
R2-2	2.44	2	2	786209-88669
R2-4	3.69	2	4	786209-87537
R2-6	4.94	2	6	786209-87539
R2-8	6.31	2	8	786209-87541
R2-10	7.63	2	10	786209-87543
R2-12	8.94	2	12	786209-87545
R3-2	3.69	3	2	786209-88670
R3-4	5.75	3	4	786209-87547
R3-6	7.81	3	6	786209-87549
R3-8	9.87	3	8	786209-87551
R3-10	11.93	3	10	786209-87553
R3-12	13.99	3	12	786209-87555

KUBE™ Multi-Tap Insulators

One insulator required for each connector.

KUBE™ Multi-Tap Insulators

Cat. Number	For Connector Body Size	UPC Number
REC-0	0	786209-87557
REC-1	1	786209-87559
REC-2	2	786209-87561
REC-3	3	786209-87563

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