

Copper Range Taking C-Taps

Type RTC

- Manufactured from high conductivity wrought copper
- Applications include copper to copper tapping, splicing or pigtail
- Compact size allows for easy taping and insulation of connection
- Color-coded for proper crimp die selection
- Design provides for low installation cost
-  to UL 486A-486B for power applications
-  to UL 467 for grounding, bonding and direct burial applications*
- Rated for 600 V applications at 90°C
- Range taking connector allows for lower inventory requirements

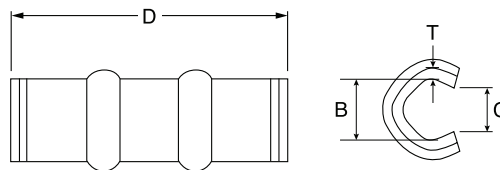


Fig. 1

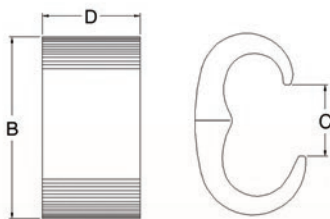


Fig. 2

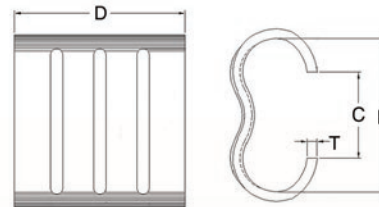


Fig. 3

See table for dimensions and installation tooling information

TYPE RTC DIMENSIONS & INSTALLATION TOOLING INFORMATION

CATALOG NUMBER	COPPER CONDUCTOR SIZE RANGES		FIG. NO.	NO. OF RIBS	APPROXIMATE DIMENSIONS (IN.)				WIRE STRIP LENGTH	CRIMP DIE COLOR CODE	COMPETITORS (Items noted as alternates are mostly due to wire range differences. Refer to competitor catalog for specifics.)			
	RUN	TAP			B	C	D	T			BURNDY	T&B	PANDUIT	NSI
RTC-1	14	14 - 16	1	0	.18	.10	.33	.07	1/2"	Red	YC10L12	54705	CTAPF10-16-C	CT-101
	12	12 - 16												
	10	14												
RTC-2	10	10	1	0	.24	.14	.61	.07	5/8"	Blue	YC8L12	54710	CTAPF8-12-C	CT-102
	8	12												
RTC-3	8	8-10	1	0	.32	.19	.61	.07	5/8"	Gray	YC6L12	54715 (alt.)	CTAPF6-12-C	CT-103
	6	10 - 12												
RTC-4	6	6 - 8	1	1	.39	.28	1.17	.07	1-1/4"	Brown	YC4L12	54720	CTAPF4-12-C	CT-104
	4	8 - 12												
RTC-5	4	4 - 6	1	1	.45	.26	1.17	.07	1-1/4"	Green	YC3L12	54725 (alt.)	CTAPF3-12-C	CT-105
	3	6 - 12												
RTC-6	4	4	1	1	.49	.30	1.17	.07	1-1/4"	Pink	YC2L12	54730 (alt.)	CTAPF2-12-C	CT-106
	3	4 - 6												
	2	6 - 12												
RTC-7	3	3 - 4	1	2	.53	.31	1.75	.07	2"	Black	YC1L12	54735	CTAPF1-12-C	CT-107
	2	4 - 6												
	1	4 - 12												
RTC-8	2	2 - 4	1	2	.61	.41	1.75	.09	2"	Orange	YC25L12	54740	CTAPF1/0-12-L	CT-108
	1	3 - 4												
	1/0	4 - 12												
RTC-9	1	1 - 2	1	2	.69	.42	1.75	.09	2"	Purple	YC26L12	54745	CTAPF2/0-12-Q	CT-109
	1/0	2 - 3												
	2/0	3 - 12												
RTC-10	1/0	1/0 - 1	1	2	.81	.46	1.75	.09	2"	Yellow	YC27L12	54750	CTAPF3/0-12-Q	CT-110
	2/0	1 - 2												
	3/0	2 - 12												
RTC-11	1	1	2	—	1.30	.51	.79	—	1"	Blue	YGH-C26C2 AND YGHC26C26 (both alt.)	54755	—	CTH-111
	1/0	1/0 - 2												
	2/0	2/0 - 4												
	3/0 - 4/0	1/0 - 6												
RTC-12	4/0	1 - 8	2	—	1.46	.57	.78	—	1"	Brown	—	54760	—	CTH-112
	2/0	2/0 - 1												
	3/0	3/0 - 2												
	4/0	4/0 - 4												
RTC-13	250	1/0 - 8	2	—	1.67	.67	1.03	—	1-1/8"	Pink	—	54765	—	CTH-113
	300	2/0 - 8												
	2/0	2/0 - 1												
	3/0	3/0 - 2												
RTC-14	4/0	4/0 - 2/0	2	—	1.71	.73	1.03	—	1-1/8"	Black	YGH-C29C26 & YGHC29C29 (both alt.)	54770	—	CTH-114
	250	250 - 1												
	300	4/0 - 4												
	350	3/0 - 6												
RTC-15*	250	250	2	—	1.85	.81	1.28	—	1-5/16"	Yellow	YGH-C34C26 AND YGHC34C29 (both alt.)	54775	—	CTH-115
	300	300 - 3/0												
	350	350 - 1/0												
	400	300 - 2												
	450	250 - 4												
RTC-16*	500	250 - 6	2	—	2.20	0.81	1.29	—	1-5/16"	White	YGH-C34C4 (alt.)	54780	—	CTH-116
	350	350 - 4/0												
	400	400 - 2/0												
	450	450 - 1												
RTC-17*	500	500 - 2	3	—	2.42	1.36	2.72	.16	2-3/4"	—	—	54785	—	CTH-117
	750-500	4/0 - 6										54790		
	750	750 - 4/0												

*Items are not cUL_{us} for grounding and bonding applications. BURNDY, T&B, PANDUIT and NSI are registered trademarks of their respective companies